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This guide to recent sources of published information in hearing, speech, and communication disorders lists 759 references. The items are arranged in nine major sections and are annotated except when reasons of processing prevent. The section on reviews covers hearing, language, speech, and additional reviews; the section on special serials contains review journals, annual and irregular review serials, status reports of laboratories, statistical survey series, translation serials, and publishers' series. Indexing and abstracting publications listed include indexes, abstracts, research in progress, and meetings; guides and directories cover members and individuals, societies and associations, centers and services, professional training, and funding. Additional sections contain core and cognate journals; hearing, language, speech, and cognate area bibliographies; English language, deaf language, and foreign language/English language dictionaries and glossaries; audiology, otolaryngology, and speech pathology handbooks; and films and other media lists. An appendix cites publications from meetings dealing with hearing, the vestibular system, and language and speech. (JD)

PART 1. PUBLICATIONS / DEVELOPMENTAL EDITION

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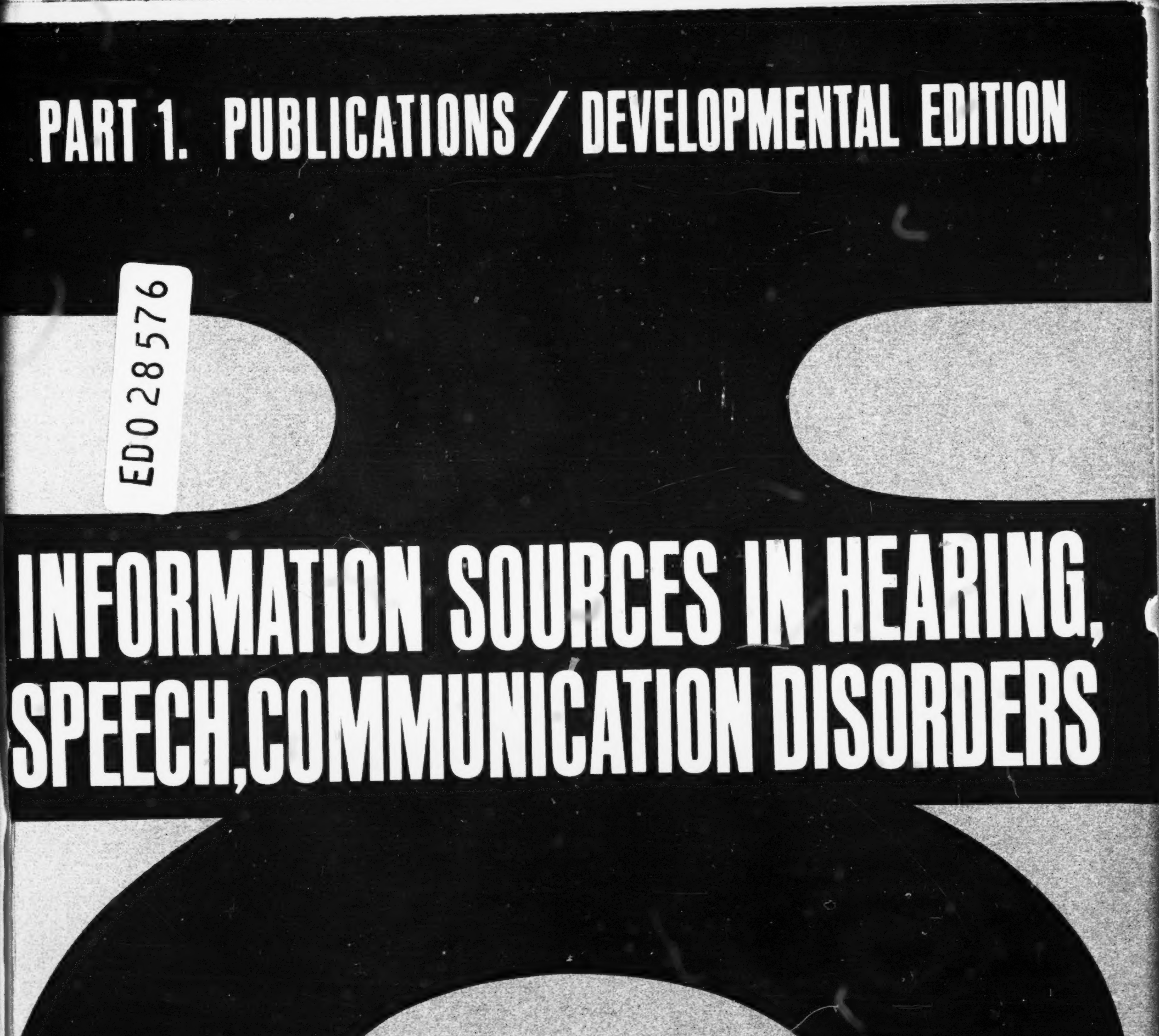

INFORMATION SOURCES IN HEARING, SPEECH, COMMUNICATION DISORDERS

EC003

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OFFICE OF EDUCATION

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INFORMATION SOURCES IN HEARING SPEECH AND COMMUNICATION DISORDERS

1968

PART I. PUBLICATIONS ▪ ▪ DEVELOPMENTAL EDITION

INFORMATION CENTER FOR HEARING, SPEECH, AND DISORDERS OF HUMAN COMMUNICATION ▪ ▪ ▪ The Johns Hopkins Medical Institutions, Baltimore, Md. 21205

The Information Center is part of the Neurological Information Network of the National Institute of Neurological Diseases and Blindness and is supported by contract number PH 43-65-23.

INFORMATION CENTER FOR HEARING, SPEECH, AND DISORDERS OF HUMAN COMMUNICATION

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Information Sources in Hearing, Speech, and Communication Disorders

Lois F. Lunin, Executive Editor
Jean T. Boulware, Editor and Compiler
Barbara Reeves, Production Editor

This symbol was designed to represent the activities of the Information Center as well as the subject areas it covers.

represents INPUT of information to an individual (hearing) and to the Information Center.

represents OUTPUT from the individual (speech and language) as well as from the Information Center.

The lack of separation between the two elements in the design symbolizes the free exchange of information requisite to orderly communication.

FOREWORD

The growth of scientific research since World War II and the resulting "information explosion" have necessitated the development of new methods of handling published materials and a new emphasis on the identification and use of existing information tools.

An important development in information handling methods has been the establishment by the National Institute of Neurological Diseases and Blindness of the Neurological Information Network. This Network consists of a group of interrelated information centers which help scientists, physicians, and teachers keep up to date with developments in neurological and sensory research.

The Information Center for Hearing, Speech, and Disorders of Human Communication, one of the four centers in this Network, is located at the Johns Hopkins Medical Institutions. Its mission is to identify, locate, analyze, store, retrieve, repackage, synthesize, and disseminate information in hearing, speech, language, and communication disorders. The Information Center is staffed by a group of scientists in The Johns Hopkins University School of Medicine and information specialists. The Center maintains close cooperation with the Welch Medical Library, the Medical Division of the University's Computing Center, the National Library of Medicine, and the other information centers in the Neurological Information Network.

One function of an information center is to identify and locate services and to provide an inventory of source materials. The rationale for *Information Sources in Hearing, Speech, and Communication Disorders* is the identification and compilation of existing information sources in communication disorders for the scientist, teacher, student, and librarian. Because this is a developmental edition of *Information Sources*, we are particularly eager to receive comments from users on the scope, coverage, organization, format, content of entries, and style of writing. We also would like to hear about the uses to which this guide has been put.

Other products offered by the Information Center for Hearing, Speech, and Disorders of Human Communication include *Communication Disorders*, a computer-based current awareness service; a state-of-the-art report on the Acoustic Neurinoma; *Programmed Instruction on the Decibel in Clinical Audiology*; and a number of bibliographies and translations. Although many of these materials were prepared as working tools for the Information Center, their use by interested scientists, physicians, librarians, and information specialists is encouraged. This multiple application of materials prepared by the Information Center, which is supported by public funds, earns for the public an increased return on its investment in the National Institutes of Health programs.

Additional information on products and services may be obtained by writing the Information Center for Hearing, Speech, and Disorders of Human Communication, 310 Harriet Lane Home, The Johns Hopkins Medical Institutions, Baltimore, Maryland 21205.

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INTRODUCTION

Information Sources in Hearing, Speech, and Communication Disorders. Part I. Publications is intended as a guide to recent sources of published information in the areas covered by this Information Center. This developmental edition lists 759 references to works produced in the English language.

The primary purpose of the present edition is to display the lists of sources that have been compiled thus far so that they may better meet the needs of the Information Center and be given trial use among the researchers, practitioners, teachers, students, librarians, information specialists, administrators, and allied health personnel for whom the guide is intended. It is hoped that this compilation will also serve as a step toward identifying the activities in the many-faceted field of hearing-language-speech, thus enhancing its visibility and providing a perspective that will be useful in defining its scope.

Information Sources can serve the user by providing:

A handle on the literature

The continuing growth of the literature of communication disorders and the wide range of publications in which it appears have pointed to the need for a comprehensive inventory of the sources of pertinent information and references. This guide begins to provide such a list and to annotate the purpose, scope, and characteristics of such sources.

A definition of the field

The field of communicative disorders needs definition. It now contains a mosaic of unrelated parts which many investigators believe should be brought together into an integrated design. For this reason, the Information Center has gathered data on sources and services in this area in the hope that awareness of such parts will demonstrate the existing pattern of activities as well as illustrate the gaps.

An information referral network

The day of insularity in biomedical research and in information centers is passing. Most systems, biological or informational, interact with other related systems. This guide is one step toward developing a referral network by listing the related sources of information.

A selection aid for libraries

Another use for Information Sources is as an aid to: the organization within the field that wishes to build a library; the librarian who wishes to represent communication disorders in a general library or a library in a related field; and the individual who wishes to acquire a personal library.

Developmental Edition

A limited number of copies of this guide have been made. The developmental edition was prepared as a working tool for the Information Center. Because so much information was gathered, however, it was decided to share this wealth and, at the same time, seek critical comments on the scope, organization, form, and content of entries.

Part II. Organizations will be a companion volume describing established activities such as societies, associations, clinical centers, laboratories, foundations, government bodies, libraries, and information centers.

It is planned that the material will be kept up-to-date by further editions and appropriate supplements. The participation of both the general user and the person of authority within the field will be enlisted in the shaping of future editions to increase their usefulness.

Scope

The scope of the Information Center, and hence the scope of the guide, is that order of knowledge especially important to the professionals whose task it is to understand, describe, treat, and do research on the hearing, language, and speech disorders of human subjects, and for the training of new professionals in the same areas.

Content and Organization

In the present guide, the term information sources is used to include the following kinds of publications: (1) those with a strong review function, such as review articles, review serials, certain other special serials, handbooks, and publications from major conferences and symposia; (2) the journals and other serials that are continuing sources of articles with new researches and other new information; and (3) the "tool" publications, such as indexing or abstracting services, bibliographies, dictionaries, guides, directories, and film lists.

Each major section is preceded by an introduction and table of contents to explain the use of the section and to reveal the arrangement of items. This arrangement varies according to the nature and purpose of each section. Subgrouping is either by subject area or by type of publication. Final arrangement of items is alphabetical by name of publication, author of paper, or significant word in title.

References with a "cognate" or occasionally "supplemental" relation to the basic, or core, references are a feature of all sections of the guide. The primary journals are divided at once into core and cognate groups. A publication has been considered core if it mainly concerns a subject of primary interest and responsibility on which the Information Center authoritatively assembles and disperses information. A cognate publication mainly concerns subject areas that are related to core areas but have their own scope and centers of authority. Cognate areas differ in emphasis from the core areas of the Information Center, but they are in some respect relevant and important to them. A publication dealing generally with biomedicine is considered cognate, but one of scientific scope beyond this purview of the Information Center is called supplemental.

Item Numbers

Each entry in the guide has been assigned an item number. These numbers are intended solely as an aid in finding titles and have no other significance. The number appearing before the colon refers to the section and the number after the colon refers to the location of the item within that section.

Quality Control

Nearly every description of a journal, an abstracting or indexing publication, and a directory was sent to the editor of that publication for review, correction, and updating. Those items marked by a black dot (●) were either not sent in time or not returned by the editors in time for publication. Because the information was believed to be relatively accurate and useful to users of this edition, the item was included. The absence of a black dot in these sections does not imply responsibility of the editor of the publication for any of the representations in the descriptive item.

Recent volumes and issues of all publications with item numbers were examined directly in the writing of descriptions unless there is an editorial note to the contrary.

Availability of References

The books, periodicals, reports, and other materials listed are available from a variety of sources. Whenever an item may not be available from a commercial publisher, if possible, information on its acquisition is given in full for the convenience of the user.

The prices given for most items have been taken from Books in Print and current issues of journals and are subject to change at any time. Every effort was made to obtain 1968 prices for all journal and abstract and index subscriptions. The price given is the institutional subscription cost. Descriptions of reports known to be available from the Clearinghouse for Federal Scientific and Technical Information include the accession/report numbers for ordering.

Although not specifically indicated, most books and journals are available in technical libraries, medical libraries, and the larger public libraries. Often, they may be obtained by local librarians on interlibrary loan.

Form

Although the developmental issue is bound, this guide was originally planned as a loose-leaf continuing publication. Comments from users on whether the final form should be bound or loose-leaf will be appreciated.

This guide was prepared on an IBM 1050 Data Communications System for the flexibility that punched cards provide for correction and for eventual computer input.

SPECIAL SERIALS

INDEX & ABSTRACT PUBLICATIONS

DICTIONARIES, GLOSSARIES

GUIDES, DIRECTORIES

ABBREVIATIONS USED

SERIALS

Acta Otolaryng.
ACTA OTO-LARYNGOLOGICA

Acta Otolaryng. Suppl.
ACTA OTO-LARYNGOLOGICA SUPPLEMENTUM

Advances Child Develop. Behav.
ADVANCES IN CHILD DEVELOPMENT AND BEHAVIOR

Amer. Ann. Deaf
AMERICAN ANNALS OF THE DEAF

Amer. J. Dis. Child.
AMERICAN JOURNAL OF DISEASES OF CHILDREN

Amer. J. Med. Sci.
AMERICAN JOURNAL OF THE MEDICAL SCIENCES

Amer. J. Ment. Defic.
AMERICAN JOURNAL OF MENTAL DEFICIENCY

Amer. J. Phys. Med.
AMERICAN JOURNAL OF PHYSICAL MEDICINE

Amer. J. Psychiat.
AMERICAN JOURNAL OF PSYCHIATRY

Ann. Allerg.
ANNALS OF ALLERGY

Ann. Amer. Acad. Polit. Sci.
ANNALS OF THE AMERICAN ACADEMY OF POLITICAL AND SOCIAL SCIENCE

Ann. Otol.
ANNALS OF OTOLOGY, RHINOLOGY AND LARYNGOLOGY

Ann. Rev. Med.
ANNUAL REVIEW OF MEDICINE

Ann. Rev. Physiol.
ANNUAL REVIEW OF PHYSIOLOGY

Ann. Rev. Psychol.
ANNUAL REVIEW OF PSYCHOLOGY

Ann. Roy. Coll. Surg. Eng.
ANNALS OF THE ROYAL COLLEGE OF SURGEONS OF ENGLAND

Arch. Environ. Health
ARCHIVES OF ENVIRONMENTAL HEALTH

Arch. Gen. Psychiat.
ARCHIVES OF GENERAL PSYCHIATRY

Arch. Otolaryng.
ARCHIVES OF OTOLARYNGOLOGY

Asha
ASHA, JOURNAL OF THE AMERICAN SPEECH AND HEARING ASSOCIATION

BA
BIOLOGICAL ABSTRACTS

Behav. Res. Ther.
BEHAVIOUR RESEARCH AND THERAPY

BPI
BEHAVIOR AND PHYSIOLOGY INDEX

Brit. J. Dis. Commun.
BRITISH JOURNAL OF DISORDERS OF COMMUNICATION

Brit. J. Plast. Surg.
BRITISH JOURNAL OF PLASTIC SURGERY

Brit. J. Psychiat.
BRITISH JOURNAL OF PSYCHIATRY

CA
CHEMICAL ABSTRACTS

Canad. Psychol.
THE CANADIAN PSYCHOLOGIST

CD
CHILD DEVELOPMENT ABSTRACTS AND BIBLIOGRAPHY

Child Develop.
CHILD DEVELOPMENT

Cleft Palate J.
CLEFT PALATE JOURNAL

Clin. Pediat.
CLINICAL PEDIATRICS

Contrib. Sens. Physiol.
CONTRIBUTIONS TO SENSORY PHYSIOLOGY

Convention Amer. Instruct. Deaf
CONVENTION OF AMERICAN INSTRUCTORS OF THE DEAF

Curr. Top. Bioenerg.
CURRENT TOPICS IN BIOENERGETICS

DA
DENTAL ABSTRACTS

Dis. Nerv. Syst.
DISEASES OF THE NERVOUS SYSTEM

dsh
dsh ABSTRACTS

EdI
EDUCATION INDEX

EngrI
ENGINEERING INDEX

Eugen. Rev.
EUGENICS REVIEW

Exceptional Child.
EXCEPTIONAL CHILDREN

ExM
EXCERPTA MEDICA

Folia Phoniat.
FOLIA PHONIATRICA

Found. Lang.
FOUNDATIONS OF LANGUAGE

HLI
HOSPITAL LITERATURE INDEX

IEEE Trans. Audio Electroacoust.
IEEE TRANSACTIONS ON AUDIO AND ELECTROACOUSTICS

Illinois Med. J.
ILLINOIS MEDICAL JOURNAL

IM
INDEX MEDICUS

Int. Rev. Cytol.
INTERNATIONAL REVIEW OF CYTOLOGY

J. Acoust. Soc. Amer.
JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA

J. Amer. Med. Wom. Ass.
JOURNAL OF THE AMERICAN MEDICAL WOMEN'S ASSOCIATION

J. Amer. Osteopath. Ass.
JOURNAL OF THE AMERICAN OSTEOPATHIC ASSOCIATION

J. Aud. Res.
JOURNAL OF AUDITORY RESEARCH

J. Commun.
JOURNAL OF COMMUNICATION

J. Commun. Dis.
JOURNAL OF COMMUNICATION DISORDERS

J. Genet. Psychol.
JOURNAL OF GENETIC PSYCHOLOGY

J. Iowa Med. Soc.
JOURNAL OF THE IOWA MEDICAL SOCIETY

J. Laryng.
JOURNAL OF LARYNGOLOGY AND OTOLOGY

J. Med. Genet.
JOURNAL OF MEDICAL GENETICS

J. Neurol. Sci.
JOURNAL OF THE NEUROLOGICAL SCIENCES

J. Ontario Speech Hearing Ass.
JOURNAL OF THE ONTARIO SPEECH AND HEARING ASSOCIATION

J. Oral Surg.
JOURNAL OF ORAL SURGERY

J. Psychol.
JOURNAL OF PSYCHOLOGY

J. Soc. Psychol.
JOURNAL OF SOCIAL PSYCHOLOGY

J. Speech Hearing Dis.
JOURNAL OF SPEECH AND HEARING DISORDERS

J. Speech Hearing Res.
JOURNAL OF SPEECH AND HEARING RESEARCH

LingB
LINGUISTIC BIBLIOGRAPHY

LLBA
LANGUAGE AND LANGUAGE BEHAVIOR ABSTRACTS

Med. Clin. N. Amer.
MEDICAL CLINICS OF NORTH AMERICA

Ment. Hyg.
MENTAL HYGIENE

Ment. Retard.
MENTAL RETARDATION

Merrill Palmer Quart.
MERRILL PALMER QUARTERLY

Mod. Trends Neurol.
MODERN TRENDS IN NEUROLOGY

Mod. Trends Plastic Surg.
MODERN TRENDS IN PLASTIC SURGERY

MR
MENTAL RETARDATION ABSTRACTS

New York J. Med.
NEW YORK STATE JOURNAL OF MEDICINE

OR
ORAL RESEARCH ABSTRACTS

PA
PSYCHOLOGICAL ABSTRACTS

Percept. Motor Skills
PERCEPTUAL AND MOTOR SKILLS

Perspect. Biol. Med.
PERSPECTIVES IN BIOLOGY AND MEDICINE

PhysicsA
PHYSICS ABSTRACTS

Physiol. Rev.
PHYSIOLOGICAL REVIEWS

Plast. Reconstr. Surg.
PLASTIC AND RECONSTRUCTIVE SURGERY

Postgrad. Med.
POSTGRADUATE MEDICINE

Proc. Amer. Psychopath. Ass.
PROCEEDINGS OF THE AMERICAN PSYCHOPATHOLOGICAL ASSOCIATION

Proc. Roy. Soc. Med.
PROCEEDINGS OF THE ROYAL SOCIETY OF MEDICINE

Progr. Brain Res.
PROGRESS IN BRAIN RESEARCH

Progr. Clin. Psychol.
PROGRESS IN CLINICAL PSYCHOLOGY

Progr. Neurol. Psychiat.
PROGRESS IN NEUROLOGY AND PSYCHIATRY

Progr. Physiol. Psychol.
PROGRESS IN PHYSIOLOGICAL PSYCHOLOGY

Psychol. Bull.
PSYCHOLOGICAL BULLETIN

Psychol. Rev.
PSYCHOLOGICAL REVIEW

Psychopharmacol. Bull.
PSYCHOPHARMACOLOGY BULLETIN; NATIONAL CLEARINGHOUSE FOR MENTAL HEALTH INFORMATION

Public Health Rep.
PUBLIC HEALTH REPORTS

Reading Res. Quart.
READING RESEARCH QUARTERLY

Rehab. Lit.
REHABILITATION LITERATURE

Res. Publ. Ass. Res. Nerv. Ment. Dis.
RESEARCH PUBLICATIONS OF THE ASSOCIATION FOR RESEARCH IN NERVOUS AND MENTAL DISEASE

SA
SOCIOLOGICAL ABSTRACTS

SCI
SCIENCE CITATION INDEX

Train. Sch. Bull.
TRAINING SCHOOL BULLETIN

Trans. Amer. Acad. Ophthal. Otolaryng.
TRANSACTIONS OF THE AMERICAN ACADEMY OF OPHTHALMOLOGY AND OTOLARYNGOLOGY

Trans. Indiana Acad. Ophthal. Otolaryng.
TRANSACTIONS; INDIANA ACADEMY OF OPHTHALMOLOGY AND OTOLARYNGOLOGY

UCLA Forum Med. Sci.
UCLA FORUM IN MEDICAL SCIENCES

Ulster Med. J.
ULSTER MEDICAL JOURNAL

Volta Rev.
VOLTA REVIEW

OTHER ABBREVIATIONS

•	symbol used in certain sections to indicate that the item description has not been reviewed by the editor of the publication
AD-	SEE page x of INTRODUCTION
ann. cum.	annual cumulation
CFSTI	Clearinghouse for Federal Scientific and Technical Information
comp.	compiler
COSATI	Committee on Scientific and Technical Information
cum. ind.	cumulative index
fn.	footnote
GRACE	Graphic Arts Composing Equipment
HC	hard copy
MEDLARS	Medical Literature Analysis and Retrieval System
MF	microfiche
rep.	report
s.	shillings
STAR	Scientific and Technical Aerospace Reports
suppl.	supplement
ref.	reference
USGPO	United States Government Printing Office

RECEIVED AFTER PRESS TIME

Reviewing editors made no significant changes in the item descriptions of the following publications:

3:1	ASHA MONOGRAPHS
3:2	ASHA REPORTS
3:10	HEARING AND SPEECH NEWS
3:11	WASHINGTON SOUNDS
3:14	SOUND
3:25	BIBLIOTHECA OTO-RHINO-LARYNGOLOGICA
3:93	BRITISH JOURNAL OF PLASTIC SURGERY
3:124	CONTRIBUTIONS TO SENSORY PHYSIOLOGY

This further information was given by reviewing editors:

3:2 ASHA REPORTS. Further issues:

- No. 2 (SEE item A:2)
- No. 3 Russian Translations in Speech and Hearing, March 1968. $2.00

3:9 ASHA, A JOURNAL OF THE AMERICAN SPEECH AND HEARING ASSOCIATION. To $15.00/Yr.

3:48 MONOGRAPHS OF THE ORTON SOCIETY. First published in 1965.

Corrected title:

- No. 2 "Word-Blindness" in School Children and Other Papers on Strephosymbolia (Specific Language Disability) 1925-1946 by Samuel Torrey Orton, M.D.

Further issue:

- No. 3 Education and Specific Language Disability, The Papers of Anna Gillingham, M.A. 1919-1964. $3.50

REVIEWS

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REVIEWS

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INTRODUCTION

REVIEWS

The section on Reviews has been given first place in this developmental edition both in position and in the number of items treated. Most of these items describe articles that survey or review a segment of the literature or of the field, with varying degrees of critical or creative participation by their authors.

THE MAIN SECTION of reviews contains annotated articles arranged under subject headings. Within subject groupings, the more recent reviews are listed first. Where ordering cannot be done by date of publication, it is done alphabetically by name of author. Articles in cognate areas are appended to some subject headings.

A LIST OF ADDITIONAL REVIEWS contains references to articles that, for reasons of processing unrelated to selection or evaluation, have not yet been annotated and classified. These references are arranged with the most recent first. A small group of articles from cognate fields is similarly arranged.

HOW TO USE

The review section has been arranged in a way that we hope is both conducive to browsing and helpful to the person who is looking for something on a particular subject:

1. The browser should find that, in general, like subjects are together, that the most current items appear first, that there is some advice about items occurring elsewhere in the section, and that some items offer excursion into related fields.

2. The person looking for a particular review article should, if the author is known, use the author index at the end of the volume; if the title is known, use the title index at the end of the volume.

3. The person looking for a review article on a particular subject should first scan the listing of contents of the Review section for a heading suggesting that subject. If a reference to the desired subject is not found among the annotated articles, it may be possible to find one by scanning the list of Additional Reviews (1:136-1:335).

ANNOTATIONS are noncritical and are indicative rather than informative in that they tell what subjects are reviewed and what the characteristics of the review are but give no substantive information directly. The section headings from the review articles are listed wherever they appear to be a good key to content. Capitalization among these headings usually indicates major topics but has no special significance other than to facilitate reading. These words or terms are not to be construed as descriptors.

NUMBER OF REFERENCES is the count of items of literature cited within the review article or of items occurring in a terminal bibliography. When the number of references is in parentheses, it refers to the smaller portion of the work cited, such as a chapter.

SOURCES

The basic source of review articles has been the Bibliography of Medical Reviews, 1963 through June 1968. Review-type articles were also taken from symposia volumes, other publications resulting from professional meetings, and multi-authored handbooks. Other review articles were found by examining appropriate review serials; abstracting publications such as dsh Abstracts; and primary journals within the areas of hearing, language, and speech. Some were obtained from the document files of the Information Center.

Review articles directly concerning hearing-language-speech, or core articles, were sought systematically by the use of descriptors determined by the indexing characteristics of each source. The articles in cognate areas were gathered less systematically and in more exploratory fashion.

CRITERIA used in the selection of review articles are, for the most part, those listed in the MEDLARS Indexing Manual (National Library of Medicine, 1966, Section 11.2). Some articles were included, however, that in the Bibliography of Medical Reviews or other compilations might not be treated as reviews, such as: the paper of theoretical revision or model-building; the "opinion paper" by the expert; the paper that prescribes rather than describes previously reported or well-established procedures; the more than routine review of cases; and the historical review. Unfortunately, as pointed out in the MEDLARS Manual, all review articles are not clear-cut, and very frequently the selection is subjective.

HEARING

Mechanisms of Hearing - General

HEARING. 1:1
Schwartzkopff, J. (Ruhr-Universitaet, Bochum, Germany).
1967. Ann. Rev. Physiol. 29:485-512. 221 refs.

Review of the literature of hearing, emphasizing comparative physiology, surveyed to March 1966, under the following topics: INTRODUCTION. Books. Articles. ACOUSTIC BEHAVIOR AND HEARING IN VERTEBRATES. Delimination. Primitive Forms of Hearing in Insects. Insects with Song and Hearing. COMPARATIVE PHYSIOLOGY OF HEARING IN VERTEBRATES. Acoustic Behavior. Anatomy and Function: Anamnia. Sauropsida. Mammals. Acoustic Orientation. PHYSIOLOGY OF THE EAR IN LABORATORY MAMMALS AND HUMANS. Sound-Transmitting Apparatus. Anatomy and Histochemistry of the Inner Ear. Electric Phenomena of the Inner Ear. Stations of the Central Pathways of Hearing: Auditory nerve and nucleus cochlearis. Medulla. Inferior colliculus and corpus geniculatum mediale. Auditory cortex. Efferent pathways. Acoustic Behavior and Psychophysical Findings: Experimental anatomy and conditioning results. Psychophysics of hearing.

AUDITION. 1:2
Zwislocki, Josef J. (Syracuse University, Syracuse, N.Y.).
1967. Ann. Rev. Psychol. 18:407-436. 150 refs.

Review of the literature of audition, surveyed to April 1966, under the following topics: INTRODUCTION. LOUDNESS. Cross-modality matching. Loudness curves. Procedural artifacts. Loudness, volume, and density. Loudness summation. Temporal loudness decay. Equal loudness contours. Applied problems of loudness determination. PITCH. Place pitch. Periodicity pitch. FREQUENCY SELECTIVITY. DETECTION AND DISCRIMINATION. Problems of detection measurement. Masking phenomena. Amplitude discrimination. BINAURAL INTERACTION. Release from masking. Central summation and masking. Sound lateralization. Binaural beats. DURATION ESTIMATION. REACTION TIME, INFORMATION PROCESSING, AND LEARNING. Reaction time. Information processing. Learning. ANIMAL BEHAVIOR. SOUND TRANSMISSION. Sound pressure measurements. Middle-ear muscle activity. PHYSIOLOGICAL CORRELATES. Evoked cortical responses in man. Ablation studies. Animal electrophysiological responses. Miscellaneous.

1:3 MEDICAL AUDIOLOGY.
Sataloff, Joseph, and Vassallo, Lawrence (1721 Pine St., Philadelphia, Pa.).
1966. Arch. Otolaryng. (Chicago) 84:587-592 (Nov). 28 refs.

Review of progress in medical audiology, citing literature of the years 1964-1965. The authors note that the literature shows increasing awareness of the need for a variety of audiometric tests on each patient for the diagnosis of auditory disorders. Papers cited are not organized under review headings; all are English-language titles.

1:4 AUDITION.
Ward, W. Dixon (University of Minnesota, Minneapolis).
1966. Ann. Rev. Psychol. 17:273-308. 216 refs.

Annual review of the literature of audition, surveyed to April 1965, under the following topics: [General]. AUDITORY SIGNAL DETECTION. The adequate stimulus. Sensitivity. Bone conduction thresholds. Acuity, masking, and the critical band. Masking in bone conduction. ATTRIBUTES OF AUDITORY PERCEPTION. Pitch. Tone deafness. Atonal interval. Diplacusis. Residue pitch. Loudness. Annoyance. Density. Timbre. Distortion. Speech perception. TEMPORAL EFFECTS. Backward masking. Order effects. BINAURAL PHENOMENA. Lateralization: clicks. Lateralization: tones. Perstimulatory fatigue. Masking. Central masking. Pulling. Binaural competition and cerebral dominance. MIDDLE EAR MUSCLES. ELECTRICAL POTENTIALS. Cochlear microphonics. Neural responses (intermediate nuclei). Habituation and the efferent system. Cortical potentials. TONE DECAY. TEMPORARY AFTEREFFECTS OF AUDITORY STIMULATION. Short-term TTS. Intermediate TTS. Long-term TTS. Factors affecting TTS. Mental factors. PERMANENT THRESHOLD SHIFTS. Noise-induced PTS (NIPTS). Other causes of sensorineural loss. MISCELLANEOUS. Behavioral aspects of deafness. Intersensory phenomena. Effects of noise on extra-auditory function. Sensitivity of the newborn. Hearing and psychiatry.

AUDITION. 1:5
Thurlow, Willard R. (University of Wisconsin, Madison).
1965. Ann. Rev. Psychol. 16:325-358. 273 refs.

Annual review of the literature of audition, surveyed to April 1964, under the following topics: [General]. SIGNAL DETECTION. Human threshold measurement. Animal threshold measurement. Duration. Variation in SPL with angle of source. Vigilance. Studies related to signal detection theory. DISCRIMINATION OF FREQUENCY AND INTENSITY CHANGE. Frequency discrimination. Intensity discrimination. SPEECH PERCEPTION. MASKING. Masking of various types of signals. Interaural relations and masking. Backward masking. PITCH. Pitch identification and scaling. Problems of low pitch. Problems of high pitch. LOUDNESS. ANNOYANCE. PERCEPTIONS RELATED TO QUALITY. TEMPORAL DISCRIMINATIONS. TEMPORARY THRESHOLD SHIFT (TTS). LATERALIZATION AND LOCALIZATION EFFECTS. Lateralization. Localization. ANATOMY AND PHYSIOLOGY: SOUND CONDUCTION PROCESSES. Anatomy. Middle ear muscles. Impedance. INNER EAR. Anatomy. Metabolism. Fluids and blood supply. Electrical potentials. Drugs and endocrine conditions. NERVE POTENTIALS. INTERMEDIATE PATHWAYS. Anatomy. Electrical activity. CORTEX. Extirpation experiments. Electrical responses and their modification. ABNORMALITIES OF HEARING. General problems of identification audiometry. Speech reception testing. Physiology measures. Evaluation of middle ear function. Problems of bone conduction. Tone decay and diagnosis of eighth nerve involvement. Cortical hearing tests.

HEARING. 1:6
Hawkins, Joseph E., Jr. (Kresge Hearing Research Institute, University of Michigan, Ann Arbor).
1964. Ann. Rev. Physiol. 26:453-480. 225 refs.

Review of the literature of hearing for the 3-year period 1960-1963, under the following topics: [General]. ANATOMY OF EAR. BIOCHEMISTRY OF EAR. Protein chemistry. Labyrinthine fluids. Oxidative metabolism. Acetylcholine. COCHLEAR POTENTIALS. EIGHTH NERVE ACTION POTENTIALS: CODING. COCHLEAR MECHANICS AND FREQUENCY DISCRIMINATION. EFFERENT INNERVATION. AUDITORY PATHWAYS AND CORTEX ["fragmentary catalogue"]. AUDITORY LOCALIZATION AND LATERALIZATION. THE MIDDLE EAR. Impedance. OTHER AREAS BRIEFLY NOTED. Hearing in other species. Pharmacological studies. Meniere's disease. Hereditary deafness. Critical bands. Noise, threshold shifts, and acoustic trauma.

1:7 AUDITION.
Small, Arnold M., Jr. (University of Iowa, Iowa City).
1963. Ann. Rev. Psychol. 14:115-154. 297 refs.

Critical survey covering a relatively comprehensive array of topics in audition and citing international papers chiefly from the years 1960-1962. Well-literatured areas that the author does not treat comprehensively include: auditory pathologies and their audiometric evaluation, aural rehabilitation, stereophonic perception, and speech perception. Review is under the following headings: SOUND CONDUCTION PROCESSES. Anatomy. Impedance. Middle ear muscles. INNER EAR. Anatomy. Mechanical action. Cochlear fluids. Metabolism. Drugs and radiation. Potentials. NERVOUS SYSTEM. Anatomy. Potentials. Nervous system damage. AUDIOMETRY. Pure tone, air conduction. Pure tone, bone conduction. Speech testing. Bekesy audiometry. 'Objective' audiometry. Age effects. Noise effects. PITCH. LOUDNESS. SCALING. SIGNAL DETECTION THEORY. MASKING. SENSITIVITY. Absolute sensitivity. Differential sensitivity. ADAPTATION AND FATIGUE. Fatigue. Adaptation. BINAURAL PHENOMENA. TEMPORAL EFFECTS. SPEECH PERCEPTION. EFFECT OF SOUND ON NON-AUDITORY FUNCTIONS. HEARING IN LOWER ANIMALS. Echo-location. Insects. Other animals.

1:8 MEDICAL AUDIOLOGY.
Sataloff, Joseph (1721 Pine St., Philadelphia, Penna.) and Vassallo, Larry.
1963. Arch. Otolaryng. 78:729-734 (Nov). 42 refs.

Review of progress in audiology during the year 1962. The authors note in this year a great deal of investigative effort in close observation of the organ of Corti of both humans and animals. The papers cited are not organized under review headings; all are English-language titles.

1:9 HEARING.
Lawrence, Merle (University of Michigan, Ann Arbor).
1961. Ann. Rev. Physiol. 23:485-500. 118 refs.

Review of the literature of hearing for the 4-year period 1956-1960, under the following topics: [General]. THE MIDDLE EAR. Surgical alteration. Impedance measures. Middle ear muscles. ANATOMY. Cochlear duct. Inner ear fluids. Terminal nerve fibers. COCHLEAR MECHANICS. Frequency and intensity distribution. Aural harmonics. PHYSIOLOGICAL CORRELATES OF AUDIOMETRIC MEASURES. Normal threshold. Poststimulation thresholds. OTHER AREAS.

Anatomical and Physiological Mechanisms of Hearing

ELECTRICAL POTENTIALS OF THE COCHLEA. 1:10
Wever, Ernest Glen (Princeton University, Princeton, N.J.).
1966. Physiol. Rev. 46:102-127. 80 refs.

Review of the literature, mostly of the years 1930-1965, on cochlear potentials, under the following topics: DIRECT POTENTIALS. Resting or Endolymphatic Potentials. Intracellular Potentials. "Summating" Potentials. ALTERNATING POTENTIALS OF THE COCHLEA. Characteristics of Potentials: Frequency relations. Waveform. Intensity relations, linearity. Overloading. Overstimulation and injury. Stability of potential. Distortion in the ear. SOURCE OF ALTERNATING POTENTIALS OF THE COCHLEA. FUNCTION OF ALTERNATING POTENTIALS OF THE COCHLEA. Remarks on Experimental Techniques: Stimulus specification. Thresholds. Noise.

ATTENTION AND AUDITORY ELECTROPHYSIOLOGY. 1:11
Worden, F. G. (Department of Psychiatry and Brain Research Institute, School of Medicine, University of California, Los Angeles).
1966. Progr. Physiol. Psychol. 1:45-116. 176 refs.

Critical review of the electrophysiology of the cochlear nucleus in relation to attention, acoustic information processing, and auditory perception. The major purpose of this report is to clarify methodological and conceptual issues in research on brain function and behavior. To achieve depth, the topic is narrowed to one neural structure and relatively limited behavioral dimensions. Literature cited is international and of the years 1940-1965.

Review headings include the following: INTRODUCTION. Scientific observation and thinking. Brain function and behavior. Cochlear nucleus in attention. THE PSYCHOLOGY OF ATTENTION. Introduction <"Attention" in common experience. The neglect of attention in psychology.> Glimpses of information pertaining to attention <Sensation and perception. Cognition and other considerations.> "Attention" approached electrophysiologically. THE HYPOTHESIS OF AFFERENT NEURONAL INHIBITION. Feedback in brain function. Afferent neuronal inhibition. THE COCHLEAR NUCLEUS IN ATTENTION. Supporting evidence. Conflicting evidence <Replication problems. Persistent misinterpretation of data. The acoustic variable. Issues revealed in bilateral recordings.> Rejection of the hypothesis. SENSORY GATING AND NEURAL UNIT ACTIVITY. Efferent systems <An extra reticular feedback system. A reticular feedback system.> Neuron activity in cochlear nucleus. The question of efferent sensory function. IN SEARCH OF A PHYSIOLOGY OF PERCEPTION AND ATTENTION. Sustaining and adjusting processes. Perception. Attention. CONCLUSION.

1:12 COMPARATIVE NEUROPHYSIOLOGY OF HEARING.
Katsuki, Yasuji (Tokyo Medical and Dental University, Yushima, Bunkyoku, Tokyo, Japan).
1965. Physiol. Rev. 45:380-423. 208 refs.

Review of the literature of comparative neurophysiology of hearing, emphasizing mechanoreceptors, for a period of years beginning 1959, under the following topics: INTRODUCTION. SENSORY RECEPTION IN PRIMITIVE FORMS. Protozoa. Coelenterates. Mollusca. Arthropoda. Insecta: Structure of the ear. Receptor potential. Range of frequency and intensity of sound audible to insects. Directional sense. VERTEBRATES. Aquatic vertebrates: Lateral-line organ. Ampullary organ. Labyrinth.- Elasmobranchs. Teleosts. Amphibia. Reptiles. Aves. Mammals - Endocochlear d-c potential (EP). Coding mechanism in the cochlea. Inhibition under efferent control. Inhibition under nonefferent control. SOUND LOCALIZATION. Direct: Insects. Mammals. Echolocation: Cetacea. SYNAPTIC MECHANISMS IN THE AUDITORY SYSTEM. CORTICAL AUDITORY SYSTEM. CONCLUSION.

1:13 RESEARCH IN OTOLOGY--ONE HUNDRED YEARS AFTER HELMHOLTZ.
Ormerod, F. C. (37 Portland Place, London).
1965. J. Laryng. 79:845-869 (Oct). 64 refs.

Review of the structure of the sensory organs of the inner ear and the historical development of this area of knowledge within the past decade. Bibliographic references are assembled under the following subject headings: Cochlear and vestibular sensory cells. Tectorial membrane. Reissner's membrane. Basilar membrane. Stria Vascularis. Nerves of the sensory cells. Electric potentials of the inner ear.

1:14 THE EFFERENT INNERVATION OF THE INNER EAR. A HISTORICAL-BIBLIOGRAPHICAL SURVEY.
Rossi, G. and Cortesina, G. (University of Torino, Torino, Italy).
1965. Laryngoscope. 75:212-235. 121 refs.

Historical survey of the study of efferent connections between the central nervous system and the cochlear and vestibular receptors.
Literature of the study divides into two periods: FIRST PERIOD (1895-1942) which predates systematic study. SECOND PERIOD (1942-1962) in which systematic studies are discussed under the following headings: Introduction. EFFERENT COCHLEAR FIBERS. Anatomical research. Biological and histochemical research. Electrophysiological research. EFFERENT VESTIBULAR FIBERS. Anatomical research. Histochemical research. Electrophysiological research. ROSSI AND CORTESINA'S RESEARCHES.

FUNCTIONAL ANATOMY OF THE VESTIBULAR AND LATERAL LINE ORGANS. 1:15
Wersall, Jan, and Flock, Ake (Karolinska Institute, Stockholm, Sweden).
1965. Contrib. Sens. Physiol. 1:39-61. 49 refs.

Review of the structure and organization of the receptor organs of the acousticolateralis system of vertebrates.
The text, with 4 diagrams and 9 microphotographs, is under the following headings: Introduction. STRUCTURE AND ORGANIZATION OF THE RECEPTORS. Structure of the Sensory Epithelia. Morphology and Orientation of the Sensory Hair Bundles.--Morphology of the sensory hairs. Orientation of the sensory hair bundles. Functional interpretation of the polarization of the receptor cells. Different Cell Types and Pattern of Innervation.--Primitive sensory epithelia. Highly differentiated sensory epithelia. Significance of the different nerve endings. STRUCTURE OF THE CUPULA AND OTOLITHIC MEMBRANES.

PSYCHOPHYSICAL CORRELATES OF INTRATYMPANIC REFLEX ACTION. 1:16
Loeb, Michel (U.S. Army Medical Research Laboratory, Fort Knox, Ky.).
1964. Psychol. Bull. 61(2):140-152 (Feb). 72 refs.

Review of research on the intratympanic muscle reflexes, citing world literature of the years 1878-1962. Topics discussed are: nature of the reflex; methods used for observation of the reflexes; natural protection against noise afforded by the reflexes, and its limitation; various types of stimulation used to elicit the reflexes; uses of artificial reflex elicitation for enhanced protection against noise and for clinical diagnosis; implications for damage risk criteria and for psychologic and physiologic research.

CYTOPHYSIOLOGY AND CYTOCHEMISTRY OF THE ORGAN OF CORTI: A CYTOCHEMICAL THEORY OF HEARING. 1:17
Vinnikov, J. A. and Titova, L. K. (I. M. Sechenov Institute of Evolutionary Physiology, Leningrad, U.S.S.R.).
1963. Int. Rev. Cytol. 14:157-191. 91 refs.

Review of the literature accompanied by an account of the authors' research on the cytophysiology and cytochemistry of the organ of Corti and its hair cells, both at relative rest and excited. These data are used to outline a 'cytochemical' theory of hearing based on the cellular and molecular organization of the receptive structures of the organ of Corti. Review is carried out under the following headings: INTRODUCTION. INTRAVITAL CYTOPHYSIOLOGICAL INVESTIGATIONS OF THE ORGAN OF CORTI. General considerations. Intravital investigation of unstained living flattened preparations from the organ of Corti. Vital staining of the cochlea. Quantitative studies on vital staining of the cochlea. CYTOCHEMICAL (HISTOCHEMICAL) INVESTIGATIONS OF THE ORGAN OF CORTI. General considerations. Patterns of distribution and activity of Acetylcholinesterase in the organ of Corti. Distribution of glycogen in the organ of Corti. Patterns of phosphorylase location and activity in the organ of Corti. Location and activity of the succinic oxidase enzyme system. Location and activity patterns of alkaline and acid glycerol phosphatases or phosphomonoesterases. Location and distribution patterns of nucleic acids (RNA and DNA). Location and distribution of proteins and of functional groups (--H, --SS--, and --COOH). GENERAL CONCLUSIONS. CYTOCHEMICAL THEORY OF HEARING.

1:18 THE ANATOMICAL LOCUS OF PRESBYCUSIS.
Hinchcliffe, Ronald (State University of Iowa College of Medicine, Iowa City).
1962. J. Speech Hearing Dis. 27(4):301-310 (Nov). 57 refs.

Review of the audiologic features of presbycusis in relation to the structural changes that occur in the auditory mechanism with increasing age. The author tries to account for audiologic changes in terms of histologic changes and finds it likely that presbycusis is primarily dependent upon degenerative changes in the brain. Literature cited is international and of the years 1908-1961.

1:19 BONE CONDUCTION: A REVIEW OF THE PRESENT POSITION WITH ESPECIAL REFERENCE TO THE CONTRIBUTIONS OF DR. GEORG VON BEKESY.
Hood, J. D. (The National Hospital, Queen Square, London, England).
1962. J. Acoust. Soc. Amer. 34(8, part 2):1325-1332 (Sep). 46 refs.

State-of-the-art and historical review of bone-conducted sound, with emphasis on the fundamental investigations of Bekesy and their influence on later workers. Papers cited are of the years 1827-1960.
Review is under the following headings: MODE OF VIBRATION OF THE SKULL. MECHANISM OF BONE CONDUCTION. OCCLUSION EFFECT. BONE CONDUCTION IN A FREE SOUND FIELD. Interaural attenuation.

Cognate

1:20 CENTRAL NERVOUS SYSTEM: AFFERENT MECHANISMS AND PERCEPTION.
Bishop, P. O. (University of Sydney, Sydney, Australia).
1967. Ann. Rev. Physiol. 29:427-484. 186 ref.

Review of the literature of afferent mechanisms of the central nervous system, coupled with that of perception, limited largely to single unit neurophysiological studies, for the 2- or 3-year period ending about February 1966, under the following topics: INTRODUCTION. SOMATIC AFFERENT PATHWAY. First-order somatic afferent fibers. Higher-order somatic afferent neurons. Receptive-field organization of second-order neurons. INPUT CONTROL AND PAIN PERCEPTION. HEARING. First- and second-order neurons. Higher-order neurons. FUNCTIONAL ORGANIZATION OF AUDITORY CORTEX. AUDITORY PATTERN PERCEPTION. AUDITORY SPACE PERCEPTION. TEMPORAL DISCHARGE PATTERNS. VISION: COLOR VISION. Behavioral studies in primates. Wavelength discrimination by primate lateral geniculate neurons. VISUAL PATTERN PERCEPTION. Retinal ganglion cell responses. Responses of lateral geniculate neurons. Visual neurons in the cortex. Lower-order hypercomplex cells. Higher-order hypercomplex cells. Transformation from simple to higher-order hypercomplex cell. BINOCULAR VISION. THE FUTURE. ACKNOWLEDGMENT.

REORGANIZATION OF FUNCTION IN THE NERVOUS SYSTEM -- USE AND DISUSE. 1:21
Sharpless, Seth K. (Albert Einstein College of Medicine, New York City).
1964. Ann. Rev. Physiol. 26:357-388. 212 refs.

Review of the literature of use and disuse in nervous system, surveyed to April 1963, under the following topics: [INTRODUCTION]. REGENERATION AND COLLATERAL GROWTH. EFFECTS OF DENERVATION AND DISUSE ON NEUROEFFECTOR JUNCTIONS: SUPERSENSITIVITY -- TO WHAT? Smooth muscle. Glands. Skeletal muscle. Summary. PHARMACOLOGICAL DENERVATION SUPERSENSITIVITY. MECHANISMS OF DENERVATION SUPERSENSITIVITY. Supersensitivity to catecholamines in autonomic effector organs. Enlargement of receptive area in denervated skeletal muscle. Biophysical and biochemical changes. Summary. EFFECTS OF DENERVATION, DISUSE, AND USE ON NEURONS: AUTONOMIC GANGLIA. CENTRAL NERVOUS SYSTEM. Disuse of monosynaptic spinal reflexes. Posttetanic potentiation of monosynaptic spinal reflexes. Habituation of spinal reflexes. Habituation and inhibition. Habituation and desensitization of the postsynaptic membrane. Cerebral cortex. Effects of use and disuse on the visual system. RIBONUCLEIC ACID. COMMENT ON LEARNING. ACKNOWLEDGMENTS.

Auditory Perception

A MODEL OF LOUDNESS SUMMATION. 1:22
Zwicker, Eberhard (Technische Hochschule Stuttgart, Germany), and Scharf, Bertram (Northeastern University, Boston, Mass.).
1965. Psychol. Rev. 72(1):3-26 (Jan). 39 refs.

Review of psychoacoustic data on loudness, embodied in a psychophysical model explaining why loudness summates across frequency. Loudness is represented by geometric patterns derived from the masking of pure tones by narrow bands of noise. Calculated values of loudness are compared to experimental values. Literature cited is in English and German of the years 1937-1963.

CENTRAL FACTORS IN AUDITORY FREQUENCY SELECTIVITY. 1:23
Swets, John A. (Massachusetts Institute of Technology, Cambridge, Mass.).
1964. Psychol. Bull. 60(5):429-440 (Sep). 31 refs.

Review of studies considering the role of central, or cognitive, factors in the process of auditory frequency analysis. Included is a discussion of the single-band and the multiband models that have been proposed to incorporate the action of central factors, along with testing of predictions from these models. Literature cited is in English and of the years 1940-1962.

1:24 AN ANALYSIS OF CUES TO AUDITORY DEPTH PERCEPTION IN FREE SPACE.
Coleman, Paul D. (Johns Hopkins University, Baltimore, Md.).
1963. Psychol. Bull. 60(3):302-315 (May). 47 refs.

Review of physical acoustic stimuli that may provide cues to auditory distance. (It rests with psychophysics to show whether this information actually is detected and used in auditory depth perception.) International literature of the years 1868-1962 is cited.
Review is under the following headings: MONAURAL CUES OF AUDITORY DISTANCE. Amplitude. Frequency spectrum. Pinna effects. BINAURAL CUES TO AUDITORY DISTANCE. Summary.

Cognate

1:25 PERCEPTION.
Johannsen, Dorothea E. (Tufts University, Medford, Mass.).
1967. Ann. Rev. Psychol. 18:1-40. 211 refs.

Review of the literature on perception, for the 3-year period 1963-1966, under the following topics: INTRODUCTION. Orientation. Books and reviews. DIFFERENTIATION AND INTEGRATION. Partial cues. Information extraction. Whole-part problem. PROBLEMS OF INTERACTION AND CONTEXT. Intrasensory processes. Adaptation level. Illusions and figural aftereffects. Metacontrast and masking. Intermodality relations. Instructions and mental set. Problems of meaning and conceptualization. FORM PERCEPTION. Same-different problem. Form discrimination. Tactual form perception. Contours. "Goodness" of form. Perception versus response. SPACE PERCEPTION: CONSTANCIES. Size-distance relation. Slant-shape relation. BINOCULAR RELATIONS. AUDITORY SPACE. TIME RELATIONS. Perception of time. Visual movement. Kinesthetic movement. AWARENESS. Unconscious perception and perceptual defense. Body image. Perceptual deprivation. CONCLUSION.

1:26 HYPNOTIC "COLORBLINDNESS," "BLINDNESS," AND "DEAFNESS": A REVIEW OF RESEARCH FINDINGS.
Barber, Theodore Xenophon (Medfield Foundation, Harding, Mass.).
1964. Dis. Nerv. Syst. 25(9):529-538 (Sep). 56 refs.

Critical review of experimental studies for the production of deafness under hypnosis and under waking conditions, included with similar studies of colorblindness and blindness. The author emphasizes the critical importance of motivational and instructional-situational variables in studies of "hypnotic" sensory-perceptual alteration, and the need for stringent experimental controls. Auditory experiments under review are of the years 1932 to 1964, the earlier studies using the startle response and the later studies using performance with delayed auditory feedback as an index of deafness.

SOURCES OF REPORTS OF VISUAL AND AUDITORY SENSATIONS IN PERCEPTUAL-ISOLATION EXPERIMENTS. 1:27
Zuckerman, Marvin, and Cohen, Nathan (Albert Einstein Medical Center, Philadelphia, Pa.).
1964. Psychol. Bull. 62(1):1-20 (Jul). 62 refs.

Review of experiments on perceptual isolation with the purpose of relating situational, subject, and response variables to the reported incidences of visual and auditory sensations. Relevance to physiologic, psychoanalytic, cognitive, and social-psychologic theories of perceptual isolation is discussed. Experiments analyzed cover the decade from the first perceptual-isolation report in 1953.

Review is under the following headings: RVSs [REPORTED VISUAL SENSATIONS]. Method of confinement and restriction of motility. Conditions of illumination. Duration of isolation. Set, instructions, and suggestion. Continuous reporting instructions. Sleep and cortical alertness. Population variables. Ss prior knowledge and expectations. Intelligence. Personality characteristics. Stress response and RVSs. Methods of reporting RVSs. REPORTED AUDITORY SENSATIONS. THEORETICAL CONSIDERATIONS AND CONCLUSIONS.

BACKWARD MASKING. 1:28
Raab, David H. (Brooklyn College, N.Y.).
1963. Psychol. Bull. 60(2):118-129 (Mar). 88 refs.

State-of-the-art survey and discussion of more than 70 studies of backward masking, more than two-thirds of which appeared in the 10 years prior to 1963. Literature cited is international in scope. In all but two studies, either visual or auditory stimulation was used.

Review is under the following headings: AUDITORY BACKWARD MASKING. CUTANEOUS BACKWARD MASKING. VISUAL BACKWARD MASKING. Broca-Sulzer effect. Metacontrast. Crawford effect. SUBLIMINAL INFLUENCES. Discussion.

Testing and Diagnosis of Hearing Loss

MODERN APPROACHES TO THE DIAGNOSIS AND TREATMENT OF THE HARD OF HEARING CHILD. 1:29
Derbyshire, A. J. and Marcus R. (University of Illinois, Chicago).
1966. Amer. J. Med. Sci. 252(2):473-477 (Aug). 9 refs.

Progress report on the development of tests for routine screening of hearing, especially in infants. A temporary schema is presented, describing the multilevel approaches of world investigators. Literature is cited into 1965.

1:30 DIFFERENTIAL DIAGNOSIS OF AUDITORY DEFICITS--A REVIEW OF THE LITERATURE.
Reichstein, Jerome (Micha Guidance Center for Young Deaf Children, Tel Aviv, Israel) and Rosenstein, Joseph (Lexington School for the Deaf, Columbia University, New York City).
1964. Exceptional Child. 31:73-82 (Oct). 71 refs.

Review of differential diagnosis of communication disorders of young children. Literature cited is almost entirely of the years 1940-1962.
Review is under the following headings: CNS COMMUNICATION DISORDERS. Techniques in differential diagnosis. AUDIOLOGICAL ASPECTS OF DIFFERENTIAL DIAGNOSIS. Consistency of response. Stimuli. Method of indicating response. Discussion.

Otology - General

1:31 ADVANCES IN THE TREATMENT OF DISEASES OF THE EAR, NOSE AND THROAT.
Harrison, D. F. N. (University of London, England).
1966. Practitioner 197(1180):460-464 (Oct).

State-of-the-art narrative intended to inform other members of the medical profession with the more important recent developments in otolaryngology. This undocumented account is under the following headings: MICRO-SURGERY OF THE EAR. MYRINGOPLASTY. CHRONIC SECRETORY OTITIS MEDIA. ACOUSTIC NEUROMA. VASOMOTOR RHINITIS. RECONSTRUCTION FOLLOWING PHARYNGO-LARYNGECTOMY. CANCER CHEMOTHERAPY.

1:32 OTOLARYNGOLOGIC PLASTIC SURGERY 1962.
Becker, Oscar J. (30 North Michigan Ave., Chicago, Ill.).
1964. Arch. Otolaryng. 79:205-211 (Feb). 38 refs.

Critical review of the progress of otolaryngologic plastic surgery during 1962. Journals cited are U.S.A. and British.
Review is under the following headings: RHINOPLASTY. TRANSPLANTATION OF TISSUES. OTOPLASTY. FACIAL TRAUMA.

1:33 OTONEUROLOGY.
Perlman, H. B. (University of Chicago, Chicago, Ill.), and Lindsay, J. R.
1963. Progr. Neurol. Psychiat. 18:224-229. 33 refs.

Survey of progress in otoneurology, citing international literature of 1961-1962.
Italicized descriptors in the report, giving a subject guide to papers, are as follows: Alport's syndrome. Sex-linked deaf-mutism. Dihydrostreptomycin. Stapedectomy. Kanamycin deafness. Streptomycin. Respiratory enzymes. Efferent auditory pathways. Nerve endings on the external hair cell. Bell's palsy. Cinnarizine, Meniere's disease.

A REVIEW OF NEURO-OTOLOGY. PATHOGENESIS OF NEURO-OTOLOGICAL DISEASES. 1:34
Torok, Nicholas (University of Illinois, College of Medicine, Chicago).
1963. Amer. J. Med. Sci. 246:496-513 (Oct). 39 refs.

Survey and classification of a variety of disorders which may be responsible for otoneurological symptoms, including a wide scope of disorders which may be responsible for vertigo, with or without hearing complaints. Review, including references to world literature into 1962, is under the following headings: PATHOLOGY OF THE VESTIBULAR PERIPHERAL APPARATUS. Tympanogenic diseases. Labyrinthogenic diseases. Systemic diseases. Neoplastic lesions. Trauma. PATHOLOGY OF THE VESTIBULAR CENTRAL APPARATUS. Inflammatory diseases. Space-occupying lesions. Central vascular lesions. Systemic diseases. Traumatic injuries of the brain. Autonomic nervous disorders. Congenital and developmental anomalies.

ADVANCES IN THE TREATMENT OF DISEASES OF THE EAR, NOSE AND THROAT. 1:35
McLay, Kenneth (Royal National Throat, Nose and Ear Hospital, England).
1962. Practitioner 189(1132):472-477 (Oct). 14 refs.

Review briefly of clinical progress and present treatment of otosclerosis, otitis media, Meniere's disease, chronitis rhinitis, and chemotherapy for malignancy.

THE ROLE AND SCOPE OF NEURO-OTOLOGY. 1:36
Hinchcliffe, R. (State University of Iowa College of Medicine, Iowa City).
1961. J. Iowa Med. Soc. 51(11):697-706 (Nov). 140 refs.

Definition of neuro-otology as an interdisciplinary area between neurology and otolaryngology. The author took his basic medical training at the University of Manchester. This paper is condensed from seminars given shortly after he joined the S.U.I. faculty. The extensive bibliography is keyed to text, diagrams, and tables mostly by number. Discussion is under the following headings: [PURPOSES OF NEURO-OTOLOGY:] Investigation of neurological symptoms referable to the ENT area. Investigation of voice and speech disorders. Investigation of auditory symptoms. Investigation of vestibular symptoms. Localization of intracranial lesions. As a complement to the neurological examination. Discovery of lesions that are primary to the neurologic disorder. Extraneural extension of tumors involving the nervous system. VALIDITY AND SENSITIVITY OF NEURO-OTOLOGIC TESTS. NEURO-OTOLOGY IN RELATION TO OTHER SPECIALTIES.

Cognate

1:37 CHROMOSOMAL ABERRATIONS AND THEIR SIGNIFICANCE FOR OPHTHALMO-OTORHINOLARYNGOLOGY.
Zellweger, Hans (State University of Iowa, Iowa City).
1965. Trans. Amer. Acad. Ophthal. Otolaryng. 69:33-50 (Jan-Feb). 98 refs.

State-of-the-art review of eye, ear, nose, and throat symptoms associated with anomalies of chromosomal structure and number. The author provides tabular syntheses of data from many sources and explanatory schematic drawings. Review is under the following headings: ANEUPLOIDIES. Trisomy 21, Mongolism, Down's syndrome. Trisomy 13 (D1) and trisomy 18 (E). Other autosomal trisomies. Sex chromosomal aneuploidies. Origin of chromosomal aneuploidies. ABNORMAL STRUCTURE OF CHROMOSOMES. Translocation. Fragmentation. Insertion. Deletion. Giant satellites. SUMMARY.

1:38 COMPLICATIONS OF MENINGITIS.
Nyhan, William L., and Richardson, Frederick (Johns Hopkins University School of Medicine, Baltimore, Md.).
1963. Ann. Rev. Med. 14:243-260. 116 refs.

Review of deafness, as a condition following meningitis, is included on page 255 of this survey of the literature to August 1962. Consequences of purulent meningitis, formerly rare or unknown because of its high fatality, are now investigated to promote further therapeutic advance.

Otology - Acoustic Trauma

1:39 NOISE-INDUCED DEAFNESS.
Chadwick, Denis L. (Crumpsall and Ancoats Hospitals, and Manchester Ear Hospital, England).
1963. Practitioner. 191:733-741(Dec). 22 refs.

State-of-art, clinical, and admonitory statement on permanent noise-induced deafness, with citing of literature.
Review is under the following headings: GENERAL CONSIDERATIONS. Definition of noise. Definition of noise-induced deafness. Historical background. THE MECHANISM OF ACOUSTIC TRAUMA. Anatomical changes. Physiological and histological changes. Biochemical changes. EVOLUTION AND EVALUATION OF NOISE-INDUCED DEAFNESS. Temporary and permanent threshold shift. Noise-deafness in general practice. Wax in the ears. History-taking. Middle-ear disease. Co-existing deafness of other types. PROTECTION OF THE EAR FROM NOISE.

Otology - Middle-ear Cleft

1:40

THE TREACHER-COLLINS SYNDROME.
Fernandez, Alexis O., and Ronis, Max L. (Temple University Medical Center, Philadelphia, Pa.).
1964. Arch. Otolaryng. 80:505-520 (Nov). 32 refs.

Review emphasizing the otologic aspects of mandibulofacial dysostosis, including audiologic and surgical findings. Literature is cited through 1962. Seven additional cases are presented, with audiograms.

Otology - Otitis Media

1:41

SEROUS OTITIS MEDIA: A SERIOUS PROBLEM.
Soboroff, Burton, and Loewy, Arthur (University of Illinois College of Medicine, Chicago).
1967. Amer. J. Med. Sci. 253:493-500 (Apr). 29 refs.

Review of the condition in which there is accumulation of fluid of variable consistency in the middle ear cavity, usually producing a hearing loss, but contrasted with acute otitis media. Pathogenesis, etiology, diagnosis, and treatment are discussed, with citing of world literature of the years 1929-1966.

1:42

PREVENTION OF RECURRENT OTITIS MEDIA IN CHILDREN.
Davison, F. W. (Geisinger Medical Center, Danville, Penna.).
1966. Ann. Otol. 75(3):735-745 (Sep). 19 refs.

Review of the problem of repeated ear infections, both suppurative and nonsuppurative, in children. The author draws upon his own experience and cites literature to support his view that, in these children, possible immunologic defects, poor dietary habits, endocrine abnormalities, and allergic problems should be considered before initiating surgery.

1:43

OTITIS MEDIA AND COMPLICATIONS.
Dysart, B. R. (University of Southern California Medical School, Los Angeles).
1966. Arch. Otolaryng. (Chicago) 84:468-472 (Oct). 28 refs.

Review of the progress on otitis media for 1965, noting an increase in articles on otitic intracranial complications. Literature cited is international.
Survey and comment are under the following headings: ACUTE HEMORRHAGIC BULLOUS MYRINGITIS. ACUTE OTITIS MEDIA. MASKED MASTOIDITIS. CHRONIC OTITIS MEDIA. SEROUS OTITIS. CHOLESTEATOMA. ADHESIVE OTITIS MEDIA. INTRACRANIAL COMPLICATIONS. OTITIC TETANUS. TECHNIQUE.

1:44 OTITIS MEDIA AND COMPLICATIONS.
Dysart, B. R. (470 Lakeview Rd., Pasadena, Calif.).
1964. Arch. Otolaryng. 80:587-591 (Nov). 17 refs.

Review of the progress on otitis media and complications for 1963, including a summary by Cawthorne of papers and panels on chronic ear disease at the Second Workshop, Chicago. Papers cited are in English.
Survey and comment are under the following headings: ACUTE OTITIS MEDIA. CHRONIC OTITIS MEDIA. OBLITERATIVE OPERATIONS -- MUSCULOPLASTY. SEROUS OTITIS AND EXUDATIVE OTITIS MEDIA. TYMPANOSCLEROSIS. CHOLESTEATOMA. BRAIN ABSCESS. LATERAL SINUS THROMBOSIS AND OTITIC HYDROCEPHALUS. OTITIC MENINGITIS SECONDARY TO STAPEDECTOMY. PETROSITIS. CEREBROSPINAL OTORRHEA. CHICKENPOX AND HERPES ZOSTER OTICUS.

1:45 IDIOPATHIC HEMOTYMPANUM.
Thornhill, E. Hale (Jones and Saint Mary's Sts., Raleigh, N.C.).
1963. Laryngoscope 73(10):1257-1277 (Oct). 22 refs.

Review of the condition 'blue eardrum' found in 29 cases in literature from 1914 to 1960. Two additional cases are presented.

Otology - Otorrhea

1:46 CEREBROSPINAL OTORRHEA.
Frable, Mary Ann; Oppenheimer, Peter, and Harrison, Wiley (Wesley Memorial Hospital and Northwestern University Medical School, Chicago, Ill.).
1962. Arch. Otolaryng. 75:208-212 (Mar). 41 refs.

Review of etiology, pathology, complications, and treatment of cerebrospinal fluid otorrhea, with reference to literature through 1961. Prompt surgical closure of the dural defect is stressed. A case report of dural defect secondary to head trauma is presented.

Otology - Otosclerosis

1:47 OTOSCLEROSIS.
Kerth, Jack D. (St. Luke's Hospital, Cleveland, Ohio).
1967. Arch. Otolaryng. (Chicago) 85:226-231 (Feb). 40 refs.

Review of the progress in otosclerosis for 1965, crediting particular attention to labyrinthine or cochlear otosclerosis during this period. Coverage is international; references cited are in English.
Review is under the following headings: COCHLEAR OTOSCLEROSIS. PROBLEMS FOLLOWING STAPES SURGERY. SURGICAL TECHNIQUES. BASIC RESEARCH. ETIOLOGY AND PATHOLOGY.

OTOSCLEROSIS 1962. 1:48
Hough, J. V. D. (3400 N.W. 56th St., Oklahoma City, Okla.).
1964. Arch. Otolaryng. 79:421-429 (Apr). 34 refs.

Review of the progress of otosclerosis during the year 1962.
Report is made under the following headings: Introduction. SURGICAL COMPLICATIONS. Tissue grafts over the oval window. Problem of the prosthesis. Use of the drill. Chorda tympani nerve. SURGICAL TECHNIQUES. Piston technique. Total stapedectomy. Partial stapedectomy. Surgical treatment of fenestration failures. DIAGNOSIS OF OTOSCLEROSIS. ETIOLOGY AND HISTOPATHOLOGY OF OTOSCLEROSIS. Summary.

SURGERY FOR OTOSCLEROSIS. 1:49
Goodhill, Victor; Brockman, Seymour J., and Harris, Irwin (University of California, Los Angeles).
1963. Amer. J. Med. Sci. 245:494-504 (Apr). 13 refs.

State-of-the-art report on surgery for otosclerosis, with a retrospective look at its development. Latest reference cited is 1962.
Review is under the following headings: FENESTRATION. STAPES MOBILIZATION, STAPEDOLYSIS. STAPEDECTOMY. Subtotal stapedectomy with footplate lysis. Interposition operation. Total stapedectomy.

PATHOGENESIS OF OTOSCLEROSIS. 1:50
Ruedi, L. (Zurich University, Zurich, Switzerland).
1963. Arch. Otolaryng. 78:469-477 (Oct). 39 refs.

State-of-the-art critique on the causes of otosclerotic bone changes, discussed under the headings of constitutional, local, and general activating factors. Presented by Professor Ruedi at the Second Workshop on Reconstructive Middle Ear Surgery, Chicago, Feb. 25-Mar. 1, 1963.

Otology - Sensorineural Hearing Loss

UNDERSTANDING HEREDITARY NERVE DEAFNESS. 1:51
Proctor, Conrad A., and Proctor, Bruce (University of Michigan, Ann Arbor.).
1967. Arch. Otolaryng. 85:23-40 (Jan). 79 refs.

Review of kinds of hereditary nerve deafness, combining a genetic and clinical method of classification, with special attention to etiologic factors.
The authors correlate their own work on embryologic developmental pattern with the pathologic findings of hereditary deafness, toward an understanding of secondary biochemical effects of faulty genetic mechanisms. World literature is cited in support of clinical syndromes.
Review is under the following headings: CLASSES HEREDITARY NERVE DEAFNESS [detailed outline, including names of syndromes with associated deafness]. Dominant nerve deafness. Recessive nerve deafness. OTHER SYNDROMES. EMBRYOLOGY OF HEREDITARY DEAFNESS. Comment. Summary.

1:52 SENSORY NEURAL DEAFNESS.
Perlman, H. B. (University of Chicago, Chicago, Ill.).
1965. Arch. Otolaryng. 82:322-324 (Sep). 20 refs.

Survey of the progress on sensory neural deafness, citing representative articles of 1958-1962 on experimental, pathologic, and clinical studies. Coverage is international; references cited are in English.

1:53 PROFOUND CHILDHOOD DEAFNESS.
Fraser, G. R. (Royal College of Surgeons, London).
1964. J. Med. Genet. 1:118-151. About 350 refs.

Comprehensive review of the world literature of perceptive childhood deafness, defined as socioeducational with early enough onset and of sufficient degree to necessitate the use of special methods for the learning of speech. Main emphasis bears on genetical causes, but exogenous causes of pre-, peri-, and postnatal periods are also covered. Review is under the following topics: Definition and introduction. Historical note. GENETICALLY DETERMINED DEAFNESS. Mode of inheritance. Syndrome of retinitis pigmentosa with deafness. Syndrome of goitre with deafness. Syndrome of electrocardiographic abnormalities, fainting attacks, and sudden death with deafness. Other recessive syndromes involving deafness and the pathogenesis of recessive deafness. Sex-linked recessive deafness. Dominant deafness with pigmentary anomalies. Dominant deafness without pigmentary anomalies. DEAFNESS DUE TO INVOLVEMENT OF THE EAR IN CONGENITAL MALFORMATIONS. ACQUIRED DEAFNESS. Causes acting in prenatal life. Causes acting in the perinatal period. Causes acting after the perinatal period. OTOLOGICAL FEATURES OF PROFOUND CHILDHOOD DEAFNESS. THE PATHOLOGY OF PROFOUND CHILDHOOD DEAFNESS. AN ATTEMPT AT A SYNTHESIS.

1:54 SENSORINEURAL DEAFNESS.
Perlman, H. B. (University of Chicago, Chicago, Ill.).
1963. Arch. Otolaryng. 77:226-229 (Feb). 28 refs.

Continued survey of progress on sensory neural deafness citing papers of 1963 and 1964. Coverage is international; references cited are in English except one.

Otology - Tinnitus

TINNITUS AURIUM. 1:55
Graham, James T. (Dept. of Audiology and Speech Sciences, Purdue University, Lafayette, Ind.).
1965. Acta Otolaryng. Suppl. 202. 32p. 54 refs.

Historical and state-of-the-art survey of studies in English on nonvibratory tinnitus originating in the ear. The last-cited reference is 1962. Review is under the following headings: Introduction. HISTORICAL OVERVIEW. ETIOLOGY OF NON-VIBRATORY TINNITUS. General considerations. Etiology of non-vibratory tinnitus; general organic theories. Action of intratympanic muscles. Tympanic plexus. Inner ear pathology. Psychosomatic theories. Psychoanalytical theory. TREATMENT OF NON-VIBRATORY TINNITUS. General considerations. Medical treatments. Surgical techniques. Psychotherapeutic measures. RELATION OF TINNITUS TO AGE. MEASUREMENT OF NON-VIBRATORY TINNITUS. Conclusion. Summary.

Otology - Tympanoplasty

TYMPANOPLASTY. 1:56
Proctor, Bruce (William Beaumont Hospital Research Institute, Royal Oak, Mich.).
1966. Arch. Otol. 84(6):698-702 (Dec). 35 refs.

Critical review of the literature on tympanoplasty for 1965. The authors note for this period a predominance of reports on methods of reconstructing a functioning ossicular chain, particularly with interposition techniques; also a scarcity of reports on the exact results obtained with many of the new techniques reported.

Survey and comment are under the following headings: RESEARCH IN TYMPANOPLASTY. PATHOLOGY. TECHNIQUES. RESULTS.

THE USE OF VEIN HOMOGRAFTS IN TYMPANOPLASTY. 1:57
King, P. F. (Princess Mary's Royal Air Force Hospital, Halton, England).
1965. Ann. Roy. Coll. Surg. Eng. 37:65-92 (Aug). 56 refs.

State-of-the-art review on tympanoplasty in mastoid surgery, with particular comparison of the use of vein homografts with the use of skin homografts. Fourteen short tables facilitate presentation. Review includes 140 of the author's own cases, in addition to those of papers of the past 10-15 years. This paper was delivered as a Hunterian Lecture at the Royal College of Surgeons of England.

Review is under the following headings: Introduction. AIM AND TECHNIQUE OF TYMPANOPLASTY. FAILURE IN SKIN TYMPANOPLASTY. FATE OF VEIN HOMOGRAFT. HOMOGRAFT REACTION. SELECTION OF CASES FOR OPERATION. PROCEDURE AND MODE OF EMPLOYMENT OV VEIN HOMOGRAFT. RESULTS OF VEIN TYMPANOPLASTY. HEALING OF THE TYMPANIC MEMBRANE. Post-operative otitis media. HEARING AFTER OPERATION. Illustrative case. Summary.

1:58 PRESENT-DAY CONCEPTS OF TYMPANOPLASTY.
Smyth, G. D. L. (Royal Victoria and Belfast City Hospitals, Belfast, England).
1963. Ulster Med. J. 32(2):160-167 (Dec). 34 refs.

State-of-the-art critique of tympanoplasty, dealing with observations the author made while visiting major E.N.T. centers of the U.S.A. during 1962-1963. Literature is cited from the years 1938-1963.

Otology - Vertigo

1:59 TREATMENT OF THE HYPOGLYCEMIA OF MENIERE'S SYNDROME.
Goldman, Herbert B. (Rockville Center, New York, N.Y.).
1965. Trans. Indiana Acad. Ophth. Otolaryng. 48:7-25. 82 refs.

Review of literature supporting the author's belief that all types of Meniere's disease have a common adrenocortical dysfunction, with localized response in the labyrinthine causing the most dynamic symptom, vertigo. The paper aims to familiarize otolaryngologists with the symptoms and history of hypoadrenocorticism and emphasizes treatment.

1:60 MENIERE'S DISEASE.
Harrison, M. Spenser (Lincoln and Grimsby Hospital Groups, Lincolnshire, England), and Naftalin, L. (Lincoln County Hospital, Lincolnshire).
1963. Practitioner 191(1146):724-732 (Dec). 28 refs.

State-of-the-art review of clinical aspects of Meniere's disease, describing advances effected in the 25 years since Hallpike and Cairns' paper on the histology of the disease.
Review is under the following headings: PHYSIOLOGY OF THE LABYRINTH. CLINICAL FEATURES. Age of onset. Premonitory symptoms. The attack. Vertigo. Tinnitus. Deafness. DIAGNOSIS. PROGNOSIS. TREATMENT. Vasodilator drugs. Electrolytes. Diuretics. SURGICAL TREATMENT. SYMPATHECTOMY. ULTRASONICS. SECTION OF VIIITH NERVE.

Psychology of Deafness

THE SOCIAL DEVELOPMENT OF DEAF CHILDREN. 1:61
Critchley, Edmund (The Bungalow, Mogerhanger Park, Mogerhanger, England).
1967. J. Laryng. 81(3):291-307 (Mar). 38 refs.

Essay review of the difficulties of the deaf child in learning, communicating, and adjusting socially. The author collected much of his material through personal observation, questionnaires, interviews, and visits. Citations are largely from books. This paper was the Donald Paterson Prize Essay, December 1965.
Presentation is under the following headings: Introduction. INFANCY AND PRE-SCHOOL. EARLY SCHOOLING. THE DEAF CHILD OF SCHOOL AGE. PREFERRED METHODS OF COMMUNICATION. SOCIAL ADJUSTMENT OF THE DEAF. Summary.

Cognate

PSYCHOLOGICAL ASPECTS OF PHYSICAL DISABILITY. 1:62
Morrow, Robert S. (Psychology Service, Veterans Administration Hospital, Bronx, N. Y.), and Morrow, Selma. (Fieldston Lower School and Ethical Culture Schools, New York, N.Y.).
1963. Prog. Clin. Psychol. 5:16-37. 31 refs.

Critical review of developments concerning the psychological concomitants of physical disability, mainly for the years 1951-1961, including a review of some of the more recent books of that period. The paper opens with a review of the variables on which earlier studies showed the physically disabled to differ from each other in accord with the principle of individual differences.
Headings in the review include: PERSONALITY CORRELATES OF PHYSICAL DISABILITY. Structural brain pathology. Cerebral palsy. Multiple sclerosis. Case illustration of structural brain damage. PHYSICAL DISABILITY WITHOUT BRAIN DAMAGE. Paraplegia. Poliomyelitis. Muscular dystrophy. Orthopedic disabilities. Tuberculosis. Deafness. Blindness. Other disabilities. CONCLUDING COMMENTS.

LANGUAGE

Biological and Neurological Mechanisms

1:63 CEREBRAL DEVELOPMENTAL ANOMALIES AND DISTURBANCES OF LANGUAGE.
Garoutte, B. (University of California School of Medicine, San Francisco).
1967. J. Neurol. Sci. 4:339-347 (Mar-Apr). 36 refs.

Review of the major causes of language disturbance, in particular those which result from maldevelopment of the central nervous system. The mechanisms involved in normal language production, a timetable of normal developmental processes, and the pathologic origins of anomalies of the central nervous system which may affect language are outlined in three tables and discussed. Literature is cited from the years 1949-1964.

1:64 NEURONAL HISTOGENESIS, MATURATION AND ORGANIZATION RELATED TO SPEECH DEVELOPMENT.
Sloan, Robert F. (University of California, Los Angeles).
1967. J. Commun. Disord. 1(1):1-15 (May). 79 refs.

Review paper that outlines a chronology of neurophysiological evidence on the neurohistogenesis and maturation of the cerebral cortex and formulates a parallel relationship to a chronology of the descriptive behavioral events related to speech development. This relation between cortical maturation and speech development is drawn in an elaborate figure. Two theoretical neurophysiological experiments are suggested: (1) seeking a time delay in receptor-association-motor-effector circuits as a causal factor for stuttering and (2) relating nucleic acid activity to cellular fatigue. Lastly, the author suggests, and depicts by figure, a 'continuum' system as a construct for speech formulation. A number of standard reference texts from the fields of embryology, histology, neuroembryology, neurology, neurophysiology, and genetic neurology were used in preparing this review.

1:65 ONTOGENETIC, GENETICAL, AND PHYLOGENETIC PARALLELS BETWEEN ANIMAL COMMUNICATION AND PRELINGUISTIC CHILD BEHAVIOR, pp. 273-285 in The Genesis of Language, edited by Frank Smith and George A. Miller.
Kalmus, H. (University College London, England).
1966. Cambridge, Mass., M.I.T. Press. 400p. (23 refs.).

Review of the aspects of animal and infant behavior that either serve communication or are in other ways comparable with language, and with more general comments on the ontogeny, genetics, and phylogeny of behavior. This paper is from the proceedings of a conference on "Language Development in Children," sponsored by the National Institute of Child Health and Human Development, April 1965.
Review is under the following headings: INFANT COMMUNICATION. ANIMAL VOCALIZATION. ASPECTS OF GENETICS. RATES OF EVOLUTION.

THE NATURAL HISTORY OF LANGUAGE, pp. 219-252 in The Genesis of Language, edited by Frank Smith and George A. Miller. 1:66
Lenneberg, Eric H. (Harvard Medical School, Cambridge, Mass.).
1966. Cambridge, Mass., M.I.T. Press. 400p. (61 refs.).

Argument for the progressive development of language through a sequence of maturationally determined milestones. The argument is supported by 6 figures and 3 tables, including a summary survey in chart form. This paper is from the proceedings of a conference on "Language Development in Children," sponsored by the National Institute of Child Health and Human Development, April 1965. Lenneberg's paper is discussed subsequently by Richard Allen Chase in a paper "Evolutionary Aspects of Language Development and Functions," and both are then followed by general discussion.
The initial presentation is under the following headings: CHARACTERISTICS OF MATURATION OF BEHAVIOR. EMERGENCE OF SPEECH AND LANGUAGE. Regularity of onset. Relation of the environment to the age of onset. Role of utility in the onset of speech. Importance of practice for the onset of speech. "Wolf Children". AGE LIMITATION TO LANGUAGE ACQUISITION. Relation of age to recovery from acquired aphasia. Arrest of language development in the retarded. Effect of deafness on language at various ages. CONCOMITANTS OF PHYSICAL MATURATION. GROWTH CHARACTERISTICS OF THE HUMAN BRAIN. Summary of the argument.

SPEECH DEVELOPMENT: ITS ANATOMICAL AND PHYSIOLOGICAL CONCOMITANTS in Brain Function, Vol. 3: Speech, Language, and Communication, edited by Edward C. Carterette. 1:67
Lenneberg, Eric H. (The Children's Hospital Medical Center, Boston, Mass.).
1966. UCLA Forum Med. Sci. 4:37-66. 35 refs.

Forum report on the critical period for speech acquisition skills, their relation to cerebral maturation of the human brain, and the differences in history of maturation between human and chimpanzee brains. The initial presentation is accompanied by 14 figures and 5 tables. This report is from the proceedings of a conference sponsored by the Brain Research Institute, University of California Los Angeles, November 1963.

CENTRAL BRAIN MECHANISMS IN SPEECH in Brain Function, Vol. 3: Speech, Language, and Communication, edited by Edward C. Carterette. 1:68
Roberts, Lamar (University of Florida, Gainesville).
1966. UCLA Forum Med. Sci. 4:17-36. 35 refs.

Forum report on the neurological aspects of language and speech, from the proceedings of a conference sponsored by the Brain Research Institute, University of California Los Angeles, November 1963.
Initial lecture is under the following headings: HANDEDNESS AND SPEECH DOMINANCE. THE DEVELOPMENT OF LANGUAGE. Origin of language. Make-up of language. Learning of language. Effects of stimulation. ANATOMICAL, PHYSIOLOGICAL AND PSYCHOLOGICAL CONSIDERATIONS.

1:69 SEIZURES PRECIPITATED BY THE USE OF LANGUAGE: A REVIEW.
Sherwin, Ira (Veterans Administration Hospital, Boston, Mass.).
1966. Cortex 11(3):349-356 (Jul). 20 refs.

Review of literature pertaining to cases of epilepsy in which the use of language (reading, writing, or speaking) appears to precipitate seizures. The hypothesis that proprioceptive feedback provides the triggering mechanism is rejected in favor of the suggestion that language itself can function as a conditioned stimulus in the formation of a "reflex" epilepsy. Literature cited is international in scope and chiefly of the years 1957-1966.

1:70 THE RELATIONSHIP BETWEEN HANDEDNESS AND LANGUAGE FUNCTION.
Subirana, Antonio (Avenida Generalissimo Franco 433 bis, Barcelona, Spain).
1961. Logos 4:67-85 (Oct). 78 refs.

Review of the complicated and controversial problem of the relation between handedness and language from a variety of viewpoints. This was a paper of the Symposium on the Comparative Aspects of Human Communication of the Wenner-Gren Foundation for Anthropological Research, Burg Wartenstein, Austria, in 1960. Citations are from world bibliographic material, including 9 of the author's own papers.
Review is under the following headings: THE PROBLEM OF CEREBRAL DOMINANCE. BIOLOGICAL ASPECTS. ANIMAL STUDIES. DOMINANCE IN MAN. HEREDITY AND ENVIRONMENT. NATURAL AND PATHOLOGIC LEFT-HANDEDNESS. MIXED DOMINANCE. ELECTROENCEPHALOGRAPHIC FINDINGS. CEREBRAL DOMINANCE AND MATURITY. APHASIOLOGIC OBSERVATIONS. SHIFTED DOMINANCE. THE MINOR HEMISPHERE. THE PROGNOSIS OF APHASIA. Summary.

Cognate

1:71 PSYCHOLOGICAL DEFICIT.
Yates, Aubrey J. (University of New England, New South Wales, Australia).
1966. Ann. Rev. Psychol. 17:111-144. 248 refs.

Review of the literature on psychological deficit, from 1960 to December 1964, under the following topics: [General]. BRAIN DAMAGE IN ADULTS. Formal Tests of Brain Damage. Concurrent validity of tests of brain damage. Predictive validity of tests of brain damage. Functional characteristics of deficit in brain damage. Theories of deficit in brain damage. BRAIN DAMAGE IN CHILDREN. The Concept of Minimal Brain Damage: Formal tests of brain damage. LOCALIZATION OF BRAIN DAMAGE. Effects of lateralized brain-damage. Frontal lobes. THE PSYCHOSES. Depression. Schizophrenia: Basic processes in schizophrenia. Higher processes in schizophrenia. Theory of schizophrenic deficit. MEASUREMENT OF INTELLECTUAL DEFICIT. Direct measurement. Indirect measurement. PSYCHOLOGICAL DEFICIT REDUCTION. Laboratory studies. "Real-life" studies. REVIEWS OF THE LITERATURE. CONCLUSIONS.

THE EFFECTS OF CEREBRAL LESIONS ON INTELLECTUAL FUNCTION: A REVIEW OF CURRENT RESEARCH TRENDS. 1:72
Piercy, Malcom (Maida Vale Hospital, London, W.9, England).
1964. Brit. J. Psychiat. 110:310-352 (May). 265 refs.

Interpretative state-of-the-art review of the psychological effects of brain injury, intended to provide an outline of methods, achievements, and main problem areas, with some evaluation. Emphasis is on recent advances and converging lines of evidence.

Review is under the following headings: Introduction. PRESENT STATUS OF WELL-KNOWN SYNDROMES OF INTELLECTUAL DISABILITY. Dysphasia and handedness <Types of dysphasia. Dysphasia and intelligence.> Apraxia <Ideomotor and ideational apraxia. Unilateral ideomotor apraxia. Constructional apraxia. Apraxia for dressing.> Agnosia. Gerstmann's syndrome. FUNCTIONAL DIFFERENCES BETWEEN THE HEMISPHERES. Animal studies. Human studies. Unilateral defects. MASS EFFECTS BETWEEN THE HEMISPHERES. Dominance effects. Qualitative functional differences between the hemispheres. FUNCTIONAL DIFFERENCES WITHIN THE HEMISPHERES. Temporal lobes. Parietal lobes. Frontal lobes. IMPLICATIONS FOR INTELLIGENCE. Unitary and multiple aspects of intelligence. Cerebral lesions in children and adults. Protective effect of learning. Distinction between learning sets and single problem learning. Constraints on adult mental development.

Language Development

(SEE ALSO the preceding category)

DEVELOPMENTAL PSYCHOLINGUISTICS, pp. 15-84 in The Genesis of Language, edited by Frank Smith and George A. Miller. 1:73
McNeill, David (University of Michigan, Ann Arbor).
1966. Cambridge, Mass., M.I.T. Press. 400p. (44 refs.).

Interpretive review of empirical studies of language acquisition in the light of linguistic theory. This paper is from the proceedings of a conference on "Language Development in Children," sponsored by the National Institute of Child Health and Human Development, April 1965. The presentation is discussed in subsequent sections of the proceedings.

Review is under the following headings: EARLY SPEECH. The first grammars. Differentiation of the pivot class. UNIVERSALS IN LANGUAGE ACQUISITION. EARLY GRAMMATICAL RULES. GROWTH OF TRANSFORMATIONS. WHY DOES CHILD LANGUAGE CHANGE? THE ROLE OF PARENTAL SPEECH IN LANGUAGE ACQUISITION. The role of overt practice. Expansions. COMPREHENSION VERSUS PRODUCTION OF SPEECH.

Cognate

(Developmental Psychology)

1:74 DEVELOPMENTAL PSYCHOLOGY.
Kagan, Jerome, and Henker, Barbara A. (Harvard University, Cambridge, Mass.).
1966. Ann. Rev. Psychol. 17:1-50. 383 refs.

Annual review of the literature on developmental psychology, limited to the opening 15 years of human life; human and animal studies involving changes in behavioral dimensions over time, critical periods, continuities and discontinuities, and the influence of environmental conditions on basic developmental response. Reviewed under the following topic headings: [General]. ANIMAL BEHAVIOR: Imprinting. Prenatal influences. The consequences of early handling and stress. Effects of social interaction. Sensory deprivation and enrichment. Effect of variations in social rearing conditions. HUMAN INFANT BEHAVIOR: Significance of fetal activity. Neonatal period. Visual perception. Auditory perception. Sucking activity. Psychophysiological studies. Prematurity. The sequellae of early neurological abnormalities and perinatal anomaly. Perception and cognition in the first year. Perception. Motor development in infancy. Developmental level as a predictor. Social development in the first two years. COGNITION AND LEARNING: Perceptual processes. Language. The role of language in learning. Word association studies. Reinforcement parameters. Delayed reinforcement. Effect of amount of training. Other reinforcement parameters. Effect of nonreward. Response hierarchies in learning and performance situations. Learning and social reinforcement. Cognition and Piaget. Individual differences in conceptual and perceptual strategies. PERSONALITY PROCESSES: Imitation. Identification and sex-role identity. Self concept. Motives and related behavior. Guilt and moral development. Attitudes and values of adolescents. Peer group influences. Ordinal position. Stabilities and basic dimensions. Parental practices and child behavior. Maternal attitudes towards independence. Other attitude variables. Psychopathology. References of general interest.

(Bilingualism)

1:75 BILINGUALISM: A BRIEF REVIEW.
Yamamoto, Kaoru (Kent State University, Kent, Ohio).
1964. Ment. Hyg. 48(3):468-477 (Jul). 10 refs.

Critique of selected studies on the relation of bilingualism to verbal intelligence and school adjustment (English in separate combination with Yiddish, Gaelic, Italian, Chinese, and Spanish). The earliest study is 1937, the latest 1953. Also discussed is the Spoerl study of childhood bilingualism as a function of emotional adjustment at the college level.

BILINGUALISM AND THE MEASUREMENT OF INTELLIGENCE: REVIEW OF A DECADE OF RESEARCH. 1:76
Darcy, Natalie T. (Dept. of Education, Brooklyn College, N.Y.).
1963. J. Genet. Psychol. 103:259-282 (Dec). 43 refs.

Review primarily for the years 1950-1960, of literature on the effects of bilingualism--English and some other language--on the measurement of intelligence.
Review is under the following headings: Purpose. PROBLEMS IN RESEARCH WITH BILINGUAL SUBJECTS. Divergent definitions. Determining degrees of bilingualism. Types of intelligence tests used. Isolation from other environmental factors. Tests with time limits. Optimal age to learn second language. Relation of language to conceptual thinking. STUDIES OF SPANISH-ENGLISH BILINGUALS. STUDIES OF WELCH-ENGLISH BILINGUALS. STUDIES OF OTHER BILINGUAL SUBJECTS. Summary. Conclusions.

Language of the Deaf

RELATIONSHIP OF LANGUAGE TO THE THINKING PROCESS. 1:77
Vernon, McCay (Institute for Psychosomatic and Psychiatric Research and Training, Michael Reese Hospital, Chicago, Ill.).
1967. Arch. Gen. Psychiat. (Chicago) 16:325-333 (Mar). 71 refs.

Review of 33 research studies of intelligence in the deaf and hard-of-hearing, covering the period from 1930 to 1966. These studies are considered by the author to yield an experimental paradigm in which the level of verbal language is systematically manipulated while the thinking process is being measured. Together the studies involve over 8000 children ranging in age from 3 to 19. Three conclusions are submitted: there is no functional relationship between verbal language and cognition or thought process; verbal language is not the mediating symbol system of thought; and there is no relationship between concept formation and level of verbal language development.

RESEARCH WITH THE DEAF: IMPLICATIONS FOR LANGUAGE AND COGNITION. 1:78
Furth, Hans G. (Catholic University of America, Washington, D.C.).
1964. Psychol. Bull. 62(3):145-164 (Sep). 72 refs.

Review of experimental studies on the nonverbal cognitive functioning of deaf persons, presenting evidence for the theoretical position that intellective skill is not directly dependent on verbal skill. An overview of 44 major studies of the years 1927-1964 is presented in table I.
Discussion is under the following headings: SOME OBSERVATIONS ABOUT DEAF PEOPLE. MEANING OF TERMS. CONCEPTUAL TASKS WITH ABSTRACT MATERIAL. Concept attainment. Concept transfer. CONCEPTUAL TASKS WITH CONCRETE MATERIAL. Sorting. Knowledge of classes. Piaget-type tasks. Practical intelligence. TASKS OF MEMORY. TASKS OF VISUAL PERCEPTION. DEAF PERSON'S PERFORMANCE ON COGNITIVE TASKS. IMPLICATION FOR THE RELATIONSHIP OF LANGUAGE AND INTELLIGENCE.

Psycholinguistics

1:79 PSYCHOLINGUISTICS.
Ervin-Tripp, Susan M. and Slobin, Dan I. (University of California, Berkeley).
1966. Ann. Rev. Psychol. 17:435-474. 328 refs.

Review of the literature of psycholinguistics for the 7-year period 1958-1965, under the following topics: [General]. LANGUAGE ACQUISITION. Theories. Methods and findings. GRAMMAR AND VERBAL BEHAVIOR: TRANSFORMATIONAL GRAMMAR AND SENTENCE USE. Relations between sentence types. Memory for sentences. Understanding of sentences. Perception of sentences. Grammaticality. SEQUENTIAL LINGUISTIC EVENTS. UNITS AND CLASSES. Word associations. Verbal conditioning. Verbal learning. LINGUISTIC PERCEPTION. Auditory. Reading. MEANING. PROCESS APPROACHES. Development. ANALYTIC APPROACHES. Componential analysis. Associative meaning. Semantic differential. Conditioning indices. Phonetic symbolism. Content analysis. INTERNAL LANGUAGE FUNCTIONS. BIOLOGICAL BASES OF LANGUAGE. Anlage. Animal communication and language evolution. Language and the brain. EXTRALINGUISTIC PHENOMENA. SOCIOLINGUISTICS.

1:80 CONTEXTUAL CONTROL IN SENTENCE UNDERSTANDING AND CREATING in Brain Function, Vol. 3: Speech, Language, and Communication, edited by Edward C. Carterette.
Osgood, Charles E. (University of Illinois, Urbana).
1966. UCLA Forum Med. Sci. 4:201-229. 48 refs.

Forum report on the problem of making psychological theories to incorporate and render comprehensible the way human beings understand and create sentences. This report with discussion is from the proceedings of a conference sponsored by the Brain Research Institute, University of California Los Angeles, November 1963.
The initial presentation is under the following headings: NATURE OF THE PROBLEM. AN APPROACH TO BEHAVIOR THEORY. SOME EVIDENCE ON CONTEXTUAL CONTROLS. IMPLICATIONS FOR A PSYCHOLINGUISTIC THEORY OF THE SENTENCE.

1:81 A SURVEY OF PSYCHOLINGUISTIC RESEARCH, 1954-1964, pp. 205-291, with Psycholinguistics, A Survey of Theory and Research Problems [reprinted], edited by Charles E. Osgood and Thomas A. Sebeok.
Diebold, A. Richard (Harvard University, Cambridge, Mass.).
1965. Bloomington, Indiana University Press. 307p. (454 refs.).

Tracing of the "intellectual history" of psycholinguists, with special emphasis on developments in this field during the decade 1954-1964. The author uses as a framework for his review the categories and the contents of Saporta's reader, Psycholinguistics: A Book of Readings, 1961.
These are as follows: The nature and function of language; Approaches to the study of language; Speech perception; The sequential organization of linguistic events; The semantic aspects of linguistic events; Language acquisition, bilingualism, and language change; Pathologies of linguistic behavior; Linguistic relativity and the relation of linguistic processes to perception and cognition. In addition, he discusses future developments in the field; and nonverbal communication and zoosemiotics.

Cognate

RECENT ISSUES IN SEMANTIC THEORY. 1:82
Katz, Jerrold J. (Massachusetts Institute of Technology, Cambridge).
1967. Found. Lang. 3:124-194. 15 refs.

Summary of the author's semantic theory set forth in papers of 1963-1966, with further elaboration as he replies to Uriel Weinreich's (1966) critical paper 'Explorations in Semantic Theory' and seeks to demonstrate that Weinreich's alternative conception of semantic theory is not preferable.

Headings in the review include: SEMANTIC THEORY IN BRIEF. WEINREICH'S PRELIMINARY CRITICISMS. SYNTACTIC MARKERS IN DICTIONARY ENTRIES. THE NORMAL FORM OF A DICTIONARY ENTRY. SEMANTIC MARKERS AND SYNTACTIC MARKERS. SEMANTIC MARKERS AND DISTINGUISHERS. READINGS AND SELECTION RESTRICTIONS. THE STRUCTURE OF DICTIONARY ENTRIES. WEINREICH'S NOTION OF INFINITE POLYSEMY. PROJECTION RULES. WEINREICH'S PROPOSAL FOR A NEW SEMANTIC THEORY.

LINGUISTIC THEORY AND THE PHILOSOPHY OF LANGUAGE. 1:83
Moravcsik, J. M. E. (University of Michigan, Ann Arbor).
1967. Found. Lang. 3:209-233. 15 refs.

Critical review in which the author seeks to show the relevance of linguistic theory to the philosophy of language without the overstatement that he finds in Katz's The Philosophy of Language. This paper tries to show that certain key concepts are used both in the formulation of linguistic theory and in philosophic claims. The author's approach is to discuss one particular linguistic theory (Chomsky's) and to examine it from the point of view of whether it contains claims logically relevant to statements made by recent philosophers of language such as Quine, Austin, and Wittgenstein.

Headings in the review include: LINGUISTIC COMPETENCE. LEVELS OF EXPLANATORY ADEQUACY. CHOMSKY'S SUBSTANTIVE PROPOSALS. PHILOSOPHICAL RELEVANCE OF THIS LINGUISTIC THEORY.

LINGUISTIC STRUCTURE AS RELATED TO CONCEPT FORMATION AND TO CONCEPT CONTENT. 1:84
Johnson, Ronald C. (University of Hawaii, Honolulu).
1962. Psychol. Bull. 59(6):468-476 (Nov). 21 refs.

Review of empirical data showing that concrete-perceptual concepts are learned to an adult level of understanding earlier than are abstract concepts. The developmental explanation (Piaget et al.) and the linguistic-relativistic explanation (Whorf et al.) are examined.

Reading

1:85 A CRITIQUE OF EXPERIMENTS ON THE ROLE OF NEUROLOGICAL ORGANIZATION IN READING PERFORMANCE.
Glass, Gene V., and Robbins, Melvyn P. (University of Illinois, Urbana).
1967. Reading Res. Quart. 3(1):5-51 (Fall). 48 refs.

Critical review of 15 empirical studies, each of which has been cited in one of three works by C.H. Delacato in support of his system of improving reading performance through neurological training. Twelve experiments within the works are evaluated in terms of shortcomings in controls and statistical measures used, and alternative interpretations of the data are presented.
Headings within the review include: DELACATO'S THEORY OF NEUROLOGICAL ORGANIZATION AND READING. GENERAL METHODOLOGICAL CONSIDERATIONS IN EXPERIMENTS TESTING DELACATO'S THEORY OF NEUROLOGICAL ORGANIZATION. Regression effect. Experimental control by randomization. The experimental unit and the unit of analysis. Experimenter bias. CONSIDERATION OF SPECIFIC STUDIES. The 1959 Delacato study. The Piper study. The 1963 Delacato study. The Sister M. Edwin study. The Masterman study. The McGrath study. The Noonan study. The Kabot study. The Sister M. Vivian study. The Glaeser study. The Sister M. Alcuin study. The Miracle study. THE CORRELATION OF NEUROLOGICAL ORGANIZATION WITH READING PERFORMANCE AND OTHER VARIABLES. CONCLUSIONS.

Cognate

1:86 METHODOLOGICAL PROBLEMS IN THE BRITISH I.T.A. RESEARCH.
Downing, John; Cartwright, Daphne; Jones, Barbara; and Latham, William (Reading Research Unit, University of London, England).
1967. Reading Res. Quart. 3(1):85-100 (Fall). 22 refs.

Review by the authors of the methodology of their experiments with the Initial Teaching Alphabet in classroom reading research. The stated purpose of the paper is to try to clear up misconceptions which may have been created by two recent articles in the Reading Research Quarterly by Southgate and by Marsh. Discussion is under the two headings PROBLEMS OF STATISTICAL ANALYSIS and PROBLEMS OF EXPERIMENTAL DESIGN. Publications of author Downing from 1964-1967 are cited along with other pertinent papers.

1:87

A REACTION TO COMPUTER-ASSISTED INSTRUCTION IN INITIAL READING: THE STANFORD PROJECT.
Sprache, George D. (University of Florida, Gainesville).
1967. Reading Res. Quart. 3(1):101-109 (Fall). 3 refs.

Critical review in which the author lists six misconceptions of the reading process present in the computer-based system and curriculum of Atkinson and Hansen for teaching initial reading.
Topics covered in review include: THE PROPOSED READING CURRICULUM. Letter discrimination and identification. Initial vocabulary. Word decoding. Syntactic and intonation practice. Syntactic and semantic practice. Informational processing tasks. SUMMARY.

Aphasia

1:88

LINGUISTIC TYPES OF APHASIA in Brain Function, Vol. 3: Speech, Language, and Communication, edited by Edward C. Carterette.
Jakobson, Roman (Harvard University and Massachusetts Institute of Technology, Cambridge).
1966. UCLA Forum Med. Sci. 4:67-91. 57 refs.

Forum review of the linguistic contribution to the classification of aphasia, from the proceedings of a conference sponsored by the Brain Research Institute, University of California Los Angeles, November 1963.

1:89

THE NEUROLOGY OF LANGUAGE.
Brain, Russell (London, England).
1961. Proc. Roy. Soc. Med. 54:433-441 (Jun). Reprinted in Speech Path. Ther. 4:47-59 (Oct). 1961. 42 refs.

Review of past and present approaches to the study of aphasia, emphasizing the need to recognize that speech involves description at anatomic, physiologic, and psychologic levels. This paper was a Hughlings Jackson lecture delivered at the Royal Society of Medicine in February 1961.
Review is under the following headings: Introduction. DEVELOPMENT OF SPEECH IN INFANCY. PHYSIOLOGY OF PHONETICS. FACTORS WHICH DETERMINE MEANING. PHYSIOLOGY OF SPEECH. MODE OF ACTION OF THE SCHEMA. ANATOMY OF SPEECH. PHYSIOLOGY AND PSYCHOLOGY OF APHASIA.

Dyslexia

1:90 READING RETARDATION: AN OVERVIEW.
Westman, Jack C.; Arthur, Bettie, and Scheidler, Edward P. (University of Michigan, Ann Arbor).
1965. Amer. J. Dis. Child. 109:359-369 (Apr). 83 refs.

Review of knowledge of reading disabilities from the viewpoint of the pediatrician, with references to literature, in English-language only, into 1964.
Review is under the following headings: ORGAN CENTERED-STUDIES. Visual and auditory systems. Central nervous system. Endocrine system. CHILD CENTERED STUDIES. Inhibition of curiosity. Inhibition of aggressive drives. Projection of fantasies to letter and word symbols. Faulty development of personality functions. Reading retardation as a by-product of a neurotic disorder. Motivation to defeat the educational process. Diffuse anxiety interfering with educational routine. FAMILY CENTERED STUDIES. SCHOOL CENTERED STUDIES. Attendance. Physical plant. Teacher-child relationship. Teaching methods. Administrative structure. Peer relationships. COMMENTARY. Classroom atmosphere. The characteristics of the stimulus. Receptivity to the stimulus. Perception of the stimulus. Integrations of perceptions. Ability to use knowledge. Summary [of role of pediatrician].

1:91 READING DIFFICULTY AND LANGUAGE TYPE.
Charlton, M. H. (The Presbyterian Hospital, Columbia Presbyterian Medical Center, New York, N.Y.).
1964. Folia Phoniat. (Basel) 16:297-303. 10 refs.
Summaries in German and French.

Review of the distinctive influence of English, Spanish, and the Oriental languages (Chinese and Japanese) on the difficulty with which a child learns to read. Evidence is cited from cases in the neurological literature.

1:92 THE RETARDED READER.
Nicholls, John V. V. (McGill University Faculty of Medicine, Montreal, Canada).
1962. Postgrad. Med. 31(1):66-71 (Jan). 33 refs.

Critique of the factors underlying reading retardation, with citation of English-language studies through 1960.
Review is under the following headings: HISTORICAL NOTE. OCULAR FACTORS. Refractive errors. Disturbances in ocular motility. Contraction in the visual fields. Crossed dominance. AUDITORY FACTORS. NEUROLOGIC FACTORS. EMOTIONAL FACTORS. EDUCATIONAL FACTORS.

Language in the Mentally Retarded

1:93

LANGUAGE FUNCTIONS IN MENTAL RETARDATION, A REVIEW: 1. LANGUAGE DEVELOPMENT, TYPES OF RETARDATION, AND INTELLIGENCE LEVEL.
Spreen, Otfried (University of Iowa, Iowa City).
1965. Amer. J. Ment. Defic. 69:482-494 (Jan). 99 refs.

State-of-the-art review of language functions in mental deficiency. This first of two parts deals with incidence, cause, and consequences of language deficit. No attempt is made to include problems of assessment, treatment, and other more specific questions of speech pathology. Literature cited is international in scope and chiefly of the three decades extending into 1963.
Review is under the following headings: Abstract. INCIDENCE OF LANGUAGE DYSFUNCTION AND CORRELATION WITH INTELLIGENCE. THE QUESTION OF A SPECIFIC LAG IN LANGUAGE DEVELOPMENT. DIFFERENTIAL LANGUAGE DEVELOPMENT IN SPECIFIC TYPES OF RETARDATION. CONTRIBUTORY FACTORS. Environment, Institutionalization. Auditory defects. Handedness. FACTOR ANALYTIC STUDIES.

1:94

LANGUAGE FUNCTIONS IN MENTAL RETARDATION, A REVIEW: 2. LANGUAGE IN HIGHER LEVEL PERFORMANCE.
Spreen, Otfried (University of Iowa, Iowa City).
1965. Amer. J. Ment. Defic. 70:351-362 (Nov). 67 refs.

State-of-the-art review of language functions in mental deficiency. This second of two parts covers some of the literature on the role of language in higher-level functions. No attempt is made to discuss verbal learning studies as such. Literature cited is international in scope and chiefly of the three decades extending into 1964.
Review is under the following headings: Abstract. ABSTRACTION AND ABSTRACT BEHAVIOR. LANGUAGE AS VERBAL MEDIATOR IN CONCEPT FORMATION AND LEARNING.

THE IMPORTANCE OF LINGUISTIC ABILITY IN THE MENTALLY RETARDED. 1:95
McCarthy, James J. (University of Wisconsin, Madison).
1964. Ment. Retard. 2(2):90-96 (Apr). 33 refs.

Review of evidence for linguistic ability as a causal factor in intellectual ability. Implications are drawn for teaching and research in the area of mental retardation. English-language studies and tests of the years 1937-1962 are cited.

SPEECH AND LANGUAGE OF THE RETARDED. 1:96
Smith, James O. (George Peabody College for Teachers, Nashville, Tenn.).
1962. Train. Sch. Bull. (Vineland) 58:111-123 (Feb). 71 refs.

Survey of the literature of 1950-1960 on problems of the retarded in relation to speech and language development, incidence of speech problems, role of the speech specialist, and the effects of special speech and language programs. Articles cited are in English.

Cognate to General Area of Language

Animal Communication

1:97 INTRASPECIFIC COMMUNICATION IN ANIMALS, chap. 6 in Disorders of Communication edited by David McK. Rioch and Edwin A. Weinstein.
Hinde, R.A. (University of Cambridge, England).
1964. Res. Publ. Ass. Res. Nerv. Ment. Dis. 42:62-84. 56 refs.

Review of emerging generalizations concerning communicatory systems that are peculiar to a species or to a population. Examples are drawn mostly from vertebrates other than man. For the methods used in analyzing animal communication, the reader is referred to the literature cited, which is mostly of Europe and the U.S.A. in the years 1942-1962. A discussion follows the chapter.
Headings within the chapter include: THE SIGNALS. STIMULUS FILTERING. ONTOGENY OF SIGNALS. ONTOGENY OF RESPONSIVENESS. NATURE OF THE RESPONSE. SELECTION PRESSURES ON THE SIGNAL. Conspicuousness. Intraspecific distinctiveness. Interspecific distinctiveness. Other types of selective pressure which influence the nature of signals incidentally. SELECTION PRESSURES ON RESPONSIVENESS. COMPLEXITY.

Perception and Cognition

1:98 COGNITIVE FUNCTIONS.
Van de Geer, John P., and Jaspars, Joseph M. F. (University of Leiden, Leiden, The Netherlands).
1966. Ann. Rev. Psychol. 17:145-176. 273 refs.

Review of the literature on concept formation, problem solving, thought processes, and other problems of cognition, for several years to the end of 1964, under the following topics: [General]. AN ESSAY ON COGNITION. CONCEPTS: Mathematical models of concept attainment. The neobehavioristic approach to cognition. PROBLEM SOLVING: Transfer in problem solving. Personal variables. Group problem solving. COMPUTER SIMULATION OF THOUGHT. REASONING. CONCLUSIONS.

1:99 THE PSYCHOLOGY OF THE METAPHOR.
Anderson, C. C. (University of Alberta, Edmonton, Alberta, Canada).
1964. J. Genet. Psychol. 105:53-73 (Sep). 122 refs.

Review of movements in the study of metaphor as they have contributed to the cognitive model. Literature drawn chiefly from psychology is cited through 1961.
Discussion is under the following headings: Introduction. PREVIOUS ORIENTATIONS. The Freudian orientation. The aesthetic approach [Cassirer]. SOME EXPERIMENTAL FINDINGS. A COGNITIVE MODEL. Berlyne's contribution. Bruner's contribution. Osgood's contribution. PERSONALITY CORRELATES.

SPEECH

Biological and Neurological Mechanisms

(SEE this category under LANGUAGE)

Speech Development

1:100

THE DEVELOPMENT OF THE PHONOLOGICAL SYSTEM IN THE NORMAL AND THE DEAF CHILD, pp. 187-206 in The Genesis of Language, edited by Frank Smith and George A. Miller.
Fry, D. B. (University College London, England).
1966. Cambridge, Mass., M.I.T. Press. 400p. (8 refs.).

Review of the normal process leading to the establishment of a complete phonemic repertory by age 5 to 7 and of the critical effects of sound impoverishment and what can be done about it. This paper is from the proceedings of a conference on "Language Development in Children," sponsored by the National Institute of Child Health and Human Development, April 1965. The presentation is discussed in subsequent sections of the proceedings.
Review is under the following headings: BABBLING STAGE. DEVELOPMENT OF ARTICULATION. DEVELOPMENT OF THE PHONOLOGICAL SYSTEM. ACOUSTIC CUES AND THE PHONEMIC SYSTEM. DEVELOPMENT OF THE PHONOLOGICAL SYSTEM IN THE DEAF CHILD.

1:101

PHONOLOGICAL DEVELOPMENT IN CHILDREN: A REVIEW OF SELECTED LITERATURE AND CONSIDERATIONS FOR FUTURE RESEARCH.
University of Michigan, Ann Arbor. Center for Human Growth and Development.
Sharf, D. J., and Prins, D.
1965, Dec. 15. 16p. 16 refs. Report 9, Grant 5-POI-HD01368-02.

Review of studies concerned with two different aspects of phonological development in children: the establishing of normative data against which a child's speech might be compared and the establishing of a pattern for the child's development of phonemic distinctions. English-language references are cited from the years 1931-1962.
Review and suggestions for future programs are under the following headings: NORMATIVE STUDIES. Age of sound acquisition. Sound substitution patterns. Sound type and frequency. LINGUISTIC STUDIES. Pattern of phoneme development. Phoneme stability and consistency. Consonant vs. vowel phonemes. SUMMARY OF PAST STUDIES. Variability in sampling method and sample size. Phonetic vs. phonemic analysis. PROSPECTUS FOR FUTURE STUDIES. Theories of phonologic development. Development of phonemic control. RESEARCH PROBLEMS. Sampling. Word identification.

Speech Production

1:102 MODERN RESEARCH IN EXPERIMENTAL PHONIATRICS.
Berg, Janwillem van den (Bloemsingel Institute, Groningen, Netherlands).
1962. Folia Phoniat. (Basel). 14:81-149. About 360 refs.
Summaries in German and French.

State-of-the-art review of phonation emphasizing study of the peripheral responding system with modern instrumentation. Coverage is international, with most of the extensive bibliography cited from the years 1955-1961. This paper was a principal lecture at the XII International Congress of Logopedics and Phoniatrics.
Review is under the following headings: SUBGLOTTAL SYSTEM. SUBGLOTTAL PRESSURES. FLOW OF AIR. EXPERIMENTS WITH EXCISED HUMAN LARYNGES. REGISTERS. ELECTROMYOGRAPHY. STROBOSCOPY. HIGH SPEED PHOTOGRAPHY. RADIOGRAPHY. VOCAL CAVITIES, SPEAKING MACHINES. SONOGRAPH ANALYSIS. NASALITY - CLEFT PALATE. RESPONSE TIMES. ELECTROENCEPHALOGRAPHY. SPECIAL METHODS. SUBSTITUTE SPEECH. Summary.

1:103 AN ACOUSTICAL THEORY OF VOWEL PRODUCTION AND SOME OF ITS IMPLICATIONS.
Stevens, Kenneth N., and House, Arthur S. (Massachusetts Institute of Technology, Boston).
1961. J. Speech Hearing Res. 4(4):303-320(Dec.) 43 refs.

Summary exposition of contemporary acoustical concepts of vowel production which the authors undertake to show as relevant to and compatible with certain known characteristics of speech.
Presentation is under the following headings: THEORY OF VOWEL PRODUCTION. Lumped-circuit approximation. Transmission-line description. Properties of the spectrum envelope. Calculations of levels of resonances. SOME IMPLICATIONS OF THE THEORY. Relative intensities of vowels. Amplitude relations within the syllable. Spectrum balance in the vowel. On defining the formant. SUMMARY.

Speech Perception

1:104 AUDITION IN RELATION TO PERCEPTION OF SPEECH in Brain Function, Vol. 3: Speech, Language, and Communication, edited by Edward C. Carterette.
Hirsh, Ira J. (Central Institute for the Deaf, St. Louis, Mo.).
1966. UCLA Forum Med. Sci. 4:93-116. 51 refs.

Forum review of auditory processes in speech perception and recognition, summarizing a state of the art that deals, in the terms of the author, in a molecular fashion with speech sounds or, at most, with the recognition of words. This review is from the proceedings of a conference sponsored by the Brain Research Institute, University of California Los Angeles, November 1963.
Review is under the following headings: CLASSICAL DESCRIPTION OF AUDITION. Absolute sensitivity. Differential sensitivity. Auditory localization. Interference effects. ACOUSTICAL CHARACTERISTICS OF SPEECH. AUDITORY PSYCHOPHYSICS SUGGESTED BY SPEECH ANALYSIS. AUDITORY PERCEPTION OF SPEECH. LEVELS OF AUDITORY PERCEPTION.

THE MOTOR THEORY OF SPEECH PERCEPTION: A CRITICAL REVIEW. 1:105
Lane, Harlan (Center for Research on Language and Language Behavior, University of Michigan, Ann Arbor).
1965. Psychol. Rev. 72(4):275-309 (Jul). 60 refs.

Review of the motor theory of perception of speech, which maintains that articulatory movements and their sensory feedback mediate between the acoustic stimulus and the event called perception. Experimental evidence is illustrated in 13 figures. Literature cited is international and chiefly of the years 1950-1965.

Review is under the following headings: EVIDENCE THAT FAVORS A MOTOR THEORY OF SPEECH PERCEPTION. Similar acoustic stimuli, diverse perceptual and articulatory responses. Diverse acoustic stimuli, similar perceptual and articulatory responses. Changing perception correlated less with the acoustic stimuli, more with the patterns of articulation that produce those stimuli. EVIDENCE THAT OPPOSES THE MOTOR THEORY OF SPEECH PERCEPTION. Identification functions for consonants, vowels, and nonspeech stimuli. Discrimination functions for consonants, vowels, and nonspeech stimuli. Correspondence of identification and discrimination obtained with consonants, vowels, and nonspeech stimuli. Gradients of identification latency for consonants, vowels, and nonspeech stimuli. Psychophysical functions for speech loudness and their relation to vocal effort. SUMMARY AND CONCLUSIONS.

Delayed Auditory Feedback

DELAYED AUDITORY FEEDBACK. 1:106
Yates, Aubrey J. (University of Western Australia, Perth).
1963. Psychol. Bull. 60(3):213-232 (May). 73 refs.

Review of literature concerned mainly with the production of abnormal patterns of speech by means of delayed feedback. References cited are 1950 to 1962.

Review is under the following headings: PRODUCTION OF DAF. MATERIALS. INDEPENDENT VARIABLES. Delay Time. Intensity of Feedback. DEPENDENT VARIABLES. Duration of Phrase. Duration of phrase as a function of delay. Duration of phrase as a function of intensity. Intensity of Utterance. Fundamental Frequency. Intelligibility. Articulatory Changes. MEASUREMENT OF SPEECH CHANGES. ADAPTATION TO DAF. Adaptation to DAF. Persistence of DAF Effects on Normal Speech. CONFOUNDING VARIABLES. Reading Material. Progressive Errors. Sound Pressure Level at the Ear. Pretraining. Reading Rate Instructions. Consistency of Normal Reading Rate. Noisy Background. Loudness Recruitment. Stimulation Deafness. INDIVIDUAL DIFFERENCES. Personality Traits. Physiological Changes under DAF. Developmental Aspects. DAF AND AUDITORY MALINGERING. DAF AS A STRESSFUL SITUATION. DAF IN TASKS OTHER THAN SPEECH. DAF AND STAMMERING. Discussion.

7

Speech Synthesis, Analysis, and Recognition

1:107 A SURVEY OF SOME RECENT LINGUISTIC STUDIES OF INTONATION, chap. 9, pp. 171-195 in Intonation, Perception, and Language.
Lieberman, Philip.
1967. Cambridge, Mass., The M.I.T. Press. Res. Monogr. 38. 210p. 194 refs.

Review of 14 analyses, mostly of British and American English, whose goal has been the development of a notation for the objective representation of intonational phenomena. The author identifies three fundamental different approaches that have evolved since 1900 - the British "tone" and "tune" analyses and the American "phonemic" descriptions. Works are presented chronologically and range from Henry Sweet (1892), New English Grammar, to M. Bierwisch (1965), "Regeln fuer die Intonation deutscher Saetze."

1:108 SPEECH SYNTHESIS BY RULES.
Cooper, Franklin S.: Liberman, Alvin M.; Lisker, Leigh; and Gaitenby, Jane H. (Haskins Laboratories, New York).
1962. 12p. 18 refs.

Paper presented at the Speech Communication Seminar (Speech Transmission Laboratory, Royal Institute of Technology, Stockholm, September 1962). The authors depart from the title to tell how to proceed from an input consisting of discrete linguistic units to speech as an output signal. Methods are discussed under the following headings: SPEECH BY COMPILATION. SYNTHESIS BASED ON SPECTRUM DATA. SYNTHESIS BASED ON ARTICULATORY CONFIGURATIONS. SYNTHESIS BASED ON MOTOR COMMANDS. RULES OR DICTIONARIES?

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1:109 DESCRIPTIVE ANALYSIS OF THE ACOUSTIC ASPECTS OF SPEECH.
Fant, C. Gunnar M. (Royal Institute of Technology, Stockholm, Sweden).
1962. Logos 5:3-17 (Apr). 37 refs.

State-of-the-art review of speech analysis techniques, specifically spectrographic analysis. This paper was presented in September 1960 at the Wenner-Gren Foundation for Anthropological Research Symposium on Comparative Aspects of Human Communication at Burg Wartenstein, Austria. Review is under the following headings: SPEECH RESEARCH OBJECTIVES. SPEECH ANALYSIS IN THEORY AND PRACTICE. The discrete versus the continuous view of speech. Pole-zero descriptions of speech spectra. A tentative system of speech segment classification. The normalization problem. SUMMARY.

Speech Communication

VARIATIONS IN VOCAL BEHAVIOR, chap. 30 in Disorders of Communication, edited by David Mck. Rioch and Edwin A. Weinstein. 1:110
Starkweather, J.A. (University of California School of Medicine, San Francisco).
1964. Res. Publ. Ass. Res. Nerv. Ment. Dis. 42:424-449. (107 refs.).

Review of studies of the information carried by vocal behavior, considering for this purpose the vocal communication channel apart from the verbal and gestural. The review contains seven figures and cites literature from the years 1931-1962.
Headings in this chapter include: STUDIES OF VOCAL BEHAVIOR WHICH INVOLVE THE USE OF JUDGES. Investigations of the judge. Separation of vocal information. Change in emotional expression. THE PHYSICAL DIMENSIONS OF VOCAL BEHAVIOR. The duration of utterances. The rate of speaking. Changes in vocal pitch. Linguistic coding of vocal dimensions. Analysis of the frequency spectrum. The recognition of speaker identity. Spectrum variability in individual speakers.

RESEARCH IN ARTICULATION AND INTELLIGENCE. 1:111
Winitz, Harris (Western Reserve University, Cleveland, Ohio).
1964. Child Develop. 35:287-297 (Mar). 24 refs.

Review of studies relating articulation and intelligence in children who are within the normal range of intelligence and without psychological and organic involvements. Statistical measures are obtained for correlation between the status of intelligence and articulation (7 studies) and for the correlation between initial intelligence and articulation improvement (4 studies). All studies are in English and of the years 1931-1961.

JUDGMENT OF PERSONAL CHARACTERISTICS AND EMOTIONS FROM NONVERBAL PROPERTIES OF SPEECH. 1:112
Kramer, Ernest (Napa State Hospital, Calif.).
1963. Psychol. Bull. 60(4):408-420 (Jul). 95 refs.

Survey of research efforts to demonstrate validity in the judgment of nonverbal properties of voice such as timbre, inflection, and stress. Literature cited is almost entirely in English and is of the years 1920-1962.
Review is under the following headings: VOICE AND STABLE CHARACTERISTICS OF AN INDIVIDUAL. Physical characteristics. Aptitudes and interests. Personality: Personality traits. Personality as a whole. Personality adjustment and psychopathology. VOICE AND CHANGING EMOTIONAL STATES. Meaningless content. Constant content. Ignoring content. Acoustical methods: Filtered speech. Other acoustic techniques. CONCLUSION.

Speech Pathology - General

1:113 SPEECH DISORDERS IN CHILDHOOD in Brain Function, Vol. 3: Speech, Language, and Communication, edited by Edward C. Carterette.
de Ajuriaguerra, Julian (University of Geneva, Switzerland).
1966. UCLA Forum Med. Sci. 4:117-140. 61 refs.

Forum report on selected problems of speech pathology of children. This report with discussion is from the proceedings of a conference sponsored by the Brain Research Institute, University of California Los Angeles, November 1963. The contribution of Dr. de Ajuriaguerra was translated from French by A. Hooton and F. Guignard in Switzerland and A. K. Lodwig and E. C. Carterette in Los Angeles.
The initial presentation is under the following headings: THE DYNAMICS OF THE PHYSIOPATHOLOGY OF SPEECH IN CHILDREN. SPEECH DISORDERS RESULTING FROM LESIONS IN THE ORGANS WHICH SEND OR RECEIVE MESSAGES. SPEECH DISORDERS AND INTELLECTUAL DEVELOPMENT. SOCIAL AND EMOTIONAL IMPLICATIONS OF SPEECH DISORDERS IN CHILDHOOD. GENERAL PROBLEMS ASSOCIATED WITH THE DISORDERS OF SPEECH DEVELOPMENT.

1:114 A SURVEY OF EUROPEAN LITERATURE IN SPEECH AND VOICE PATHOLOGY.
Froeschels, Emil (Grand Central Hospital, New York, N.Y.).
1962. ASHA 4:172-181 (Jun). 200 refs.

Historical review of the more important parts of the European literature on logopedics. References cited are from Hieronymus Mercurialis (1584) to modern European writers of the 1950's.

Dysarthria

1:115 NEURO-PSYCHIATRIC ASPECTS OF SPASTIC DYSPHONIA.
Bloch, P. (Rua Constante Ramos 125, Rio de Janeiro, Brazil).
1965. Folia Phoniat. (Basel) 17(4-6):301-364. 230 refs.
Summaries in German and French.

Review of spastic or hysterical dysphonia, stressing its psychosomatic aspects. Extensive citation of literature is international and mostly of the decade preceding publication. The author's style is discursive, and many personal communications are cited.
Review is under the following headings: Introduction. HISTORY. DEFINITION. OCCURRENCE. ETIOLOGY. SYMPTOMATOLOGY. DIFFERENTIAL DIAGNOSIS. TREATMENT. CASES. Conclusions.

DYSARTHRIA AND OROPHARYNGEAL REFLEXOLOGY: A REVIEW. 1:116
Mysak, Edward D. (Teachers College, Columbia University, N.Y.).
1963. J. Speech Hearing Dis. 28(3):252-260 (Aug). 18 refs.

Outline of infantile oropharyngeal reflexes which as release phenomena the author believes may contribute to disorders of articulation.
The significance of these is reviewed for speech pathologists, under the following headings: CRANIO-OROPHARYNGEAL REFLEXOLOGY. Positive symptoms. Negative symptoms. EVIDENCE OF RETAINED OR RELEASE PHENOMENA. Neurogenic evidences. Reflexogenic evidences. DIAGNOSTIC IMPLICATIONS. THERAPEUTIC IMPLICATIONS. Reflex stimulation. Reflex suppression. SUMMARY.

Stuttering

STUTTERING AND SELF CONCEPT. 1:117
Rieber, Robert W. (Rutgers University, Newark, N.J.).
1963. J. Psychol. 55:307-311 (Apr). 19 refs.

Review of studies that have sought to relate stuttering to self concept and to treat it as a clinical phenomena of disturbed self concept. Methodologic and conceptual limitations of these studies are briefly examined, and suggestions for additional research are presented. Papers cited are in English and of the years 1929-1962.

RECENT EMPIRICAL AND THEORETICAL APPROACHES TO THE EXPERIMENTAL MANIPULATION OF SPEECH IN NORMAL SUBJECTS AND IN STAMMERERS. 1:118
Yates, Aubrey J. (University of Western Australia, Perth).
1963. Behav. Res. Ther. 1:95-119 (Aug). 73 refs.

Review of empirical studies of the effects of delayed auditory feedback on normal speech and of studies on the characteristics of stammerers. The main facts and their interpretations are outlined toward subsuming these two sets of phenomena under a single theory. Literature cited is in English of the years 1936-1963.
Review is under the following headings: EMPIRICAL STUDIES OF DELAYED AUDITORY FEEDBACK AND STAMMERING. Delayed auditory feedback <Effects of feedback delay and intensity on speech structure. Effects of feedback delay and intensity on intensity of utterance. Effects of delay time and feedback intensity on fundamental frequency. Effects of delay time and feedback intensity on intelligibility. Effects of delay time and feedback intensity on articulation. Adaptation to D.A.F. Personality and delayed auditory feedback. Developmental aspects of D.A.F. Varying conditions of feedback and speech. Control studies. Effects of D.A.F. on tasks other than speech. Effects of bone-conducted D.A.F.> Stammering <General characteristics of stammering behaviour. Experimental modification of stammering behaviour.> THEORETICAL INTERPRETATIONS OF DELAYED AUDITORY FEEDBACK AND STAMMERING. Delayed auditory feedback. Genesis and maintenance of stammering behaviour <Stammering as learned behaviour. Stammering as a perceptual defect.>.

1:119 NEW VIEWPOINTS ON STUTTERING.
Froeschels, E. (133 East 58th St., New York, N.Y.).
1961. Folia Phoniat. (Basel) 13(3):187-201. 201 refs.

Review of modern views on stuttering, citing literature international in coverage and chiefly of the period 1930-1960. The author discusses about 80 excerpts (from his files of almost 1000) in the following groupings: anatomic aspects, considerations of inheritance, clinical-psychologic observations, psychologic ideas, and therapeutic procedures.

Oral Clefts

1:120 SPEECH AND SPEECH THERAPY IN CLEFT PALATE, sec. 3 in chap. 8, Congenital Deformities.
Morley, Muriel E. (University of Newcastle upon Tyne, England).
1967. Mod. Trends Plastic Surg. 2:255-267. 12 refs.

Review of the scope and limitations of speech therapy in relation to primary and secondary surgical procedures for cleft palate. The need for therapy, its most appropriate timing, and some useful methods are indicated. Literature cited is in English and chiefly of the years 1956-1966. Review is under the following headings: Introduction. SPEECH AND ITS MODIFICATION IN CLEFT PALATE. Vocal tone and vowel sounds. Articulation. THE ASSESSMENT OF SPEECH. Intra-oral air pressure. Vocal tone and resonance. Articulation. SPEECH THERAPY FOLLOWING CLEFT PALATE REPAIR. Indications for speech therapy. SECONDARY PROCEDURES.

1:121 SECONDARY REPAIR OF CLEFT LIP AND PALATE DEFORMITIES, sec. II in chap. 8, Congenital Deformities.
Muir, I. F. K. (Mount Vernon Centre for Plastic Surgery, Northwood, England) and Bodenham, D. C. (Frenchay and United Bristol Hospitals, England).
1966. Mod. Trends Plastic Surg. 2:226-254. 21 refs.

Review of progress in secondary, postinfancy repair procedures for hare lip and cleft palate deformities. The emphasis of a decade ago on the soft tissues has now shifted to the management of jaw deformities. The text is amplified with 28 figures. Literature cited is of the years 1949-1964. Review is under the following headings: Introduction. NASAL DEFORMITY OF THE REPAIRED SINGLE HARE LIP. CORRECTION OF THE NASAL TIP DEFORMITY. Support of the weak dome. Rhinoplasty for the hare lip case. Double hare lip deformity of the nose. The retracted columella. The short lip. DEFORMITIES OF THE JAWS. Unavoidable Defects in Patients Who Have Had Good Primary Soft Tissue Repair.--Abnormalities of teeth near the cleft. 'Collapse' of the lesser segment. Bilateral clefts. Contraction of the arch in bicuspid region. Mandibular prognathism - Real or relative? Aggravated Defects in Patients When Primary Treatment Has Been Unsuccessful. PROGRAMME FOR 'WELL TREATED' PRIMARY CASES.

PRIMARY BONE GRAFTS IN CLEFTS OF LIP, ALVEOLUS AND PALATE, sec. 1 in chap. 8, Congenital Deformities. 1:122

Schuchardt, Karl (Nordwestdeutschen Kieferklinik, Universitatskrankenhaus, Eppendorf, Hamburg, Germany).

1966. Mod. Trends Plastic Surg. 2:214-225. 11 refs.

Review of the author's procedure of primary osteoplasty, carried out simultaneously with the closure of cleft lip. Techniques are illustrated in 9 figures.

Presentation is under the following headings: Introduction. DEFINITION. GENERAL CONSIDERATIONS. Timing. Lip repair. Formation of bed for graft. Obtaining the Graft. Statistics. SCHUCHARDT'S TECHNIQUE OF PRIMARY BONE GRAFTING IN UNILATERAL CLEFTS. SCHUCHARDT AND PFEIFER'S TECHNIQUE OF PRIMARY BONE GRAFTING IN BILATERAL CLEFTS OF LIP, ALVEOLUS AND PALATE. Conclusions.

REVIEW OF CLEFT PALATE DIAGNOSIS AND AN EVALUATION OF LATERAL NECK ROENTGENOGRAPHY. 1:123

Goodsell, J. Orton; Noble, Paul R.; Furbee, Catherine, and Wendt, Anita (Saginaw, Mich.).

1963. J. Oral Surg. 21(6):469-491 (Nov). 32 refs.

Review of recent literature, citing references (English-language only) to mid-1962, on cleft palate clinics and cleft palate diagnosis, mainly on the use of roentgenography therein. (The authors also report the results of an investigative survey for the evaluation of the method of roentgenographic examination described by Randall, O'Hara, and Bakes in 1958.)

Review of the literature is under the following headings: FUNCTION OF CLEFT PALATE CENTER. ANATOMY AND PHYSIOLOGY. SURGERY. PROSTHESIS. SPEECH. ROENTGENOGRAPHY.

EPIDEMIOLOGY OF CONGENITAL CLEFTS OF THE LIP AND PALATE. 1:124

Greene, John C. (National Dental Health Center, Public Health Service, San Francisco, Calif.).

1963. Public Health Rep. 78(7):589-602 (Jul). 82 refs.

Review of literature undertaken prior to undertaking investigations in the epidemiology of cleft lip and palate. References are to papers in English from 1920 into 1961.

Review is under the following headings: PATHOGENESIS. INCIDENCE. Sex of Child and Type of Cleft. Parental Age and Birth Order. Race. Season of Birth. Associated Congenital Abnormalities. ETIOLOGY. Heredity <Family studies. Twin studies. Mode of inheritance.> Environment <Nutrition. Stress. Infectious diseases. Radiation.> SUMMARY AND OBSERVATIONS.

1:125 MANAGEMENT OF PATIENTS WITH CLEFT LIP AND PALATE.
Lewin, Michael L., and Ship, Arthur G. (Montefiore Hospital, The Bronx, N.Y.).
1962. New York J. Med. 62(15):2523-2535 (Aug). 42 refs.

State-of-the-art report on the treatment of cleft lip and cleft palate patients.
Review is under the following headings: Classification. Embryologic development. Causes of cleft lip and palate. PEDIATRIC ASPECTS. SURGICAL CARE OF CLEFT LIP. Management of the alveolus. Timing of lip repair. Anesthesia. CLEFT PALATE REPAIR. Palate insufficiency. Pharyngoplasty. Technics for evaluation of palatal function. ORTHODONTIC TREATMENT. PROSTHODONTIC TREATMENT. SPEECH. OTOLARYNGOLOGIC ASPECTS.

1:126 A REVIEW OF CLEFT PALATE GROWTH STUDIES REPORTED IN THE PAST 10 YEARS.
Subtelny, J. Daniel (Eastman Dental Dispensary, Rochester, N.Y.).
1962. Plast. Reconstr. Surg. 30(1):56-67(Jul). 31 refs.

Review of the literature between 1950 and 1960 on growth studies of the nasopharyngeal and velopharyngeal areas relating to congenital clefts of lip and palate. The review is organized according to the development of certain concepts, rather than chronologically, and shows the strong stimulus of two prior 'landmark' studies by Graber and Pruzansky. The inadvisability of adenoid removal because of its effect on speech is stressed. Pharyngoplasty is not discussed.

Cognate

1:127 ADVANCES IN PLASTIC SURGERY.
Tough, J. S. (Royal Infirmary, Glasgow, Scotland).
1966. Practitioner. 197(1180):536-544 (Oct). 40 refs.

Review of selected advances in plastic surgery, including repair of cleft lip and palate, and operation on protruding ears. Literature of U.S.A. and Europe of 1952-1965 is cited.

1:128 ADVANCES IN PLASTIC SURGERY.
Wallace, A. B. (Royal Hospital for Sick Children, Edinburgh, Scotland).
1962. Practitioner 189:527-536 (Oct). 38 refs.

Review of progress in plastic surgery, citing literature chiefly of 1958-1962.
Review is under the following headings: THE SCOPE OF PLASTIC SURGERY. CLEFT LIP AND PALATE. Results of treatment. Problems of speech. RECONSTRUCTION OF THE EXTERNAL EAR. TRAUMA. Maxilla. Mandible. Hand. CANCER. FREE GRAFTS AND DONOR SURFACES. HOMOGRAFTS. PRESERVATION OF TISSUES. BURNS. Convalescent serum.

Laryngeal Pathology

ADVANCES IN LARYNGEAL PHYSIOLOGY AND THEIR CLINICAL APPLICATION. 1:129
Arnold, G. E. (University of Mississippi Medical School, Jackson).
1966. Eye Ear Nose Throat Monthly 45(1):78-80,82-84(Jan). 2 refs.

Review of the clinical advances achieved in modern laryngology, with a short historical note and discussion in the following areas: physical aspects of phonation, organic limitations on vocal function, physical origin and effect of benign lesions, functional falsetto voice, organic falsetto voice, phonosurgical indications, and contraindications to intrachordal injection.

SARCOIDOSIS AND SARCOIDOSIS OF THE LARYNX. 1:130
Devine, Kenneth D. (Mayo Clinic, Rochester, Minn.).
1965. Laryngoscope 75(4):533-569 (Apr). 131 refs.

Review of the granulomatous disease sarcoidosis with emphasis on laryngeal sarcoidosis. According to the author, there has been no prior thorough review or detailed discussion of laryngeal sarcoidosis in the medical literature. Literature cited is international and from the years 1907 into 1963.

Review is under the following headings: Introduction. Purpose of the study. Justification of the study. SARCOIDOSIS. Pathologic features. Etiologic and epidemiologic features. Diagnosis. Treatment and prognosis. LARYNGEAL SARCOIDOSIS. Frequency of laryngeal sarcoidosis in sarcoidosis. Larynx in sarcoidosis. Recurrent laryngeal nerve in sarcoidosis. Report of cases. Treatment of laryngeal sarcoidosis. SUMMARY.

HOARSENESS: MANAGEMENT OF COMMON CAUSES. 1:131
Putney, F. Johnson. (Jefferson Medical College, Philadelphia, Pa.).
1965. Med. Clin. N. Amer. 49(5):1295-1308 (Sep). 3 refs.

State-of-the-art review of conditions in which hoarseness is a symptom, including alterations of voice such as huskiness and aphonia. Underlying causes are described, followed by prescribed medical therapy or surgical treatment.

Review is under the following headings: CONGENITAL LESIONS. Webs. Laryngomalacia. Paralysis. Cysts. Stenosis. Hemangiomas. ACUTE INFLAMMATION. Infection. Epiglottitis. Laryngotracheobronchitis. CHRONIC INFLAMMATION. Nonspecific laryngitis. Polypoid laryngitis. Vocal nodules. Contact ulcer. CHRONIC GRANULOMAS. ENDOCRINE DYSFUNCTION. KERATOSIS. MECHANICAL INTERFERENCE WITH FUNCTION. Injury. Benign tumors. Malignant tumors. FUNCTIONAL DISORDERS. LARYNGEAL PARALYSIS. Summary.

1:132 INJURIES OF THE LARYNX AND TRACHEA AND CORROSIVE ESOPHAGITIS.
Soboroff, Burton J. and Loewy, Arthur (University of Illinois, College of Medicine, Chicago).
1965. Amer. J. Med. Sci. 249(4):454-465 (Apr). 29 refs.

State-of-the-art report on etiology, evaluation and diagnosis (importance of early recognition), and treatment in injuries of trachea and larynx. A second topic, corrosive esophagitis, is treated separately.

1:133 CLINICAL APPLICATION OF RECENT ADVANCES IN LARYNGEAL PHYSIOLOGY.
Arnold, Godfrey E. (2500 North State St., Jackson, Miss.).
1964. Ann. Otol. 73(2):426-442 (Jun). 36 refs.

Review of the physical effects of laryngeal lesions, and the use of this knowledge to indicate phonosurgical procedures for the improvement of voice.
The paper begins with a general discussion of the past and present relations of laryngeal science to disorders of voice and is organized under the following headings: STRUCTURE, LESION AND FUNCTION. PHYSICAL EVALUATION OF THE LARYNGEAL VOICE GENERATOR. ACOUSTIC EFFECTS OF LARYNGEAL LESIONS. Excavation of the vocal cords. Deficient adduction. Granulating processes. Changes in vocal cord. Lowering of the speaking voice. PHYSICAL INTERPRETATION OF BENIGN LARYNGEAL LESIONS. FALSETTO VOICE OF FUNCTIONAL ORIGIN. FALSETTO VOICE OF CONGENITAL ORIGIN. INDICATIONS OF PHONOSURGERY. Summary.

1:134 REVIEW OF THE AVAILABLE LITERATURE ON THE LARYNX FOR 1963. PARTS I and II.
Lejeune, Francis E.; Cox, Robert H., and Haindel, Christian J. (Ochsner Clinic, New Orleans, La.).
1964. Laryngoscope 74(11):1501-1534 (Nov), (12):1653-1675 (Dec). 138 refs.

Review of studies on the larynx during the year 1963.
Survey of papers, international in coverage, is under the following headings: ANATOMY. PHYSIOLOGY. PATHOLOGY. DIAGNOSIS. DISEASES. INJURY. FOREIGN BODY. DIVERTICULA. WEB. STRIDOR. LARYNGOCELE. INSTRUMENTS. SURGERY. SMOKING. BENIGN TUMORS. MALIGNANT TUMORS.

1:135 REVIEW OF THE AVAILABLE LITERATURE ON THE LARYNX FOR 1962.
Lejeune, Francis E.; Cox, Robert H., and Haindel, Christian J. (Ochsner Clinic, New Orleans, La.).
1963. Laryngoscope 73(12):1529-1588 (Dec). 140 refs.

Review of studies on the larynx during the year 1962.
Survey of papers, international in coverage, is under the following headings: ANATOMY. PHYSIOLOGY. EMBRYOLOGY. DIAGNOSIS. DISEASES. TRAUMA. PARALYSIS. MISCELLANEOUS. INSTRUMENTS. SURGERY. BENIGN TUMORS. MALIGNANT TUMORS.

ADDITIONAL REVIEWS

The following references are to review articles that are either recently acquired or yet to be annotated. The presence of an article on this list rather than in the preceding section of annotated articles is related to the mechanics of processing and not to selection or evaluation.

1968

AUDITION. 1:136
Lawrence, Merle (Kresge Hearing Research Institute, University of Michigan Medical School, Ann Arbor).
1968. Ann. Rev. Psychol. 19:1-26. 172 refs.

CARTILAGINOUS TUMORS OF THE LARYNX, A REVIEW OF THE LITERATURE AND A REPORT OF FOUR CASES. 1:137
Barsocchini, Larry M., and McCoy, Gordon (University of California, San Francisco).
1968. Ann. Otol. 77(1):146-153 (Feb). 26 refs.

DEVELOPMENTAL APHASIA: A SPECULATIVE VIEW WITH THERAPEUTIC IMPLICATIONS. 1:138
Eisenson, Jon (Stanford University School of Medicine, Palo Alto, Calif.).
1968. J. Speech Hear. Res. 33(1):3-13 (Feb). 16 refs.

THE EFFECT OF ACCURATE NEURORRHAPHY ON REINNERVATION AND RETURN OF LARYNGEAL FUNCTION. 1:139
Gordon, H. John, and McCabe, Brian F. (University of Iowa, Iowa City).
1968. Laryngoscope. 78:236-250 (Feb). 55 refs.

1:140 A HISTORY OF THE TREATMENT OF SPEECH DISORDERS.
Eldridge, Margaret.
1968. Edinburgh, E. and S. Livingstone Ltd. 232p. Scattered references.

1:141 VASCULAR ANOMALIES OF THE MIDDLE EAR.
Steffen, Ted N. (University of Southern California, Los Angeles).
1968. Laryngoscope 78(2):171-197 (Feb). 37 refs.

1967

1:142 ABOUT NOISE...IN INDUSTRY.
Glorig, Aram (Callier Hearing and Speech Center, Dallas, Tex.).
1967. Hearing Speech News 35(3):6-8,26,28 (May). 7 refs.

1:143 ACUTE OTITIS MEDIA IN CHILDREN. COMMENTS ON ETIOLOGY AND TREATMENT.
Feingold, Murray (Tufts University School of Medicine, Boston, Mass.).
1967. Clin. Ped. 6(5):255-257 (May 20). 14 refs.

1:144 ADAPTATION AND FATIGUE, pp. 113-121 in Sensorineural Hearing Processes and Disorders, edited by A. Bruce Graham.
Ward, W. Dixon (University of Minnesota Medical School, Minneapolis).
1967. Boston, Mass., Little, Brown and Company. 543p. (25 refs.).

1:145 AFFERENT NEURAL SYSTEM, pp. 49-59 in Sensorineural Hearing Processes and Disorders, edited by A. Bruce Graham.
Gacek, Richard R. (Harvard Medical School, Boston, Mass.).
1967. Boston, Mass., Little, Brown and Company. 543p. (59 refs.).

1:146 ALPORT'S SYNDROME: A REVIEW.
Arenberg, I.K.
1967. Univ. Mich. Med. Cent. J. 33:278-285 (Nov-Dec). 59 refs.
[Not examined.--Ed.]

1:147 ALTERNATE LOUDNESS BALANCE TECHNIQUES, pp. 245-257 in Sensorineural Hearing Processes and Disorders, edited by A. Bruce Graham.
Graham, A. Bruce (Henry Ford Hospital, Detroit, Mich.).
1967. Boston, Mass., Little, Brown and Company. 543p. (24 refs.).

THE ANALYTIC CAPACITY OF THE COCHLEA ACCORDING TO STUDIES IN COCHLEAR MODELS pp. 37-48 in Sensorineural Hearing Processes and Disorders, edited by A. Bruce Graham. 1:148
Tonndorf, Juergen (Columbia University College of Physicians and Surgeons, New York City).
1967. Boston, Mass., Little, Brown and Company. 543p. (23 refs.).

ANGIOGRAPHY IN OTOLARYNGOLOGY. 1:149
Allen, George W. (251 East Chicago Ave., Chicago, Ill. 60611).
1967. Laryngoscope 77(11):1909-1961 (Nov). 66 refs.

ANNUAL REVIEW OF JSHR RESEARCH, 1966. 1:150
Jerger, James, and Speaks, Charles (Houston Speech and Hearing Center, Houston, Tex.).
1967. J. Speech Hear. Dis. 32(2):107-111 (May). No refs.

ANTIBIOTIC INSULTS TO CORTI'S ORGAN, pp. 411-425 in Sensorineural Hearing Processes and Disorders, edited by A. Bruce Graham. 1:151
Hawkins, Joseph E., Jr.; Beger, Valerie, and Aran, Jean-Marie (University of Michigan Medical School, Ann Arbor).
1967. Boston, Mass., Little, Brown and Company. 543p. (48 refs.).

THE ASSESSMENT OF SENSORINEURAL ACUITY, pp. 211-221 in Sensorineural Hearing Processes and Disorders, edited by A. Bruce Graham. 1:152
Tillman, Tom W. (Northwestern University Medical School, Chicago, Ill.).
1967. Boston, Mass., Little, Brown and Company. 543p. (30 refs.).

AUDITORY DISCRIMINATIONS AFFECTED BY CORTICAL ABLATIONS, pp. 201-210 in Sensorineural Hearing Processes and Disorders, edited by A. Bruce Graham. 1:153
Neff, William D. (Indiana University, Bloomington).
1967. Boston, Mass., Little, Brown and Company. 543p. (8 refs.).

THE BEKESY AUDIOMETER STIMULUS, pp. 235-243 in Sensorineural Hearing Processes and Disorders, edited by A. Bruce Graham. 1:154
Reger, Scott N. (University of Iowa College of Medicine, Iowa City).
1967. Boston, Mass., Little, Brown and Company. 543p. (15 refs.).

BINAURAL RECEPTION OF MEANINGFUL MATERIAL, pp. 153-168, in Sensorineural Hearing Processes and Disorders, edited by A. Bruce Graham. 1:155
Carhart, Raymond (Northwestern University Medical School, Chicago, Ill.).
1967. Boston, Mass., Little, Brown and Company. 543p. (49 refs.).

CLINICAL APPLICATION AND SIGNIFICANCE OF THE SISI TEST, pp. 223-233 in Sensorineural Hearing Processes and Disorders, edited by A. Bruce Graham. 1:156
Harford, Earl R. (Northwestern University Medical School, Chicago, Ill.).
1967. Boston, Mass., Little, Brown and Company. 543p. (19 refs.).

1:157 CLUTTERING.
Weiss, D.A. (1680 York Ave., New York City).
1967. Folia Phoniat. 19(4):233-263. 109 refs.

1:158 CONDUCTIVE HEARING LOSS IN CLEFT PALATE PATIENTS.
Peterson, Sally J. (University of Illinois College of Medicine, Urbana).
1967. Illinois Med. J. 131:63-69, 118 (Jan). 25 refs.

1:159 CONGENITAL SENSORINEURAL DEAFNESS, pp. 451-464 in Sensorineural Hearing Processes and Disorders, edited by A. Bruce Graham.
Lindeman, Roger C. (Harvard Medical School, Boston, Mass.).
1967. Boston, Mass., Little, Brown and Company. 543p. (16 refs.).

1:160 DEAFNESS AND THE DEVELOPMENT OF INTELLIGENCE.
Ives, L. A. (University of Manchester, England).
1967. Brit. J. Dis. Commun. 2(2):96-111 (Oct). 66 refs.

1:161 DISTORTED SPEECH TESTS, pp. 359-370 in Sensorineural Hearing Processes and Disorders, edited by A. Bruce Graham.
Bocca, Ettore (University of Ferrara, Ferrara, Italy).
1967. Boston, Mass., Little, Brown and Company. 543p. (9 refs.).

1:162 EFFECT OF PERIPHERAL LESIONS ON ACUITY AND DISCRIMINATION IN ANIMALS, pp. 179-189 in Sensorineural Hearing Processes and Disorders, edited by A. Bruce Graham.
Elliott, Donald N. (Wayne State University, Detroit, Mich.).
1967. Boston, Mass., Little, Brown and Company. 543p. (6 refs.).

1:163 THE EFFECTS OF DRUGS ON SPEECH: A REVIEW.
Waskow, Irene E. (National Institute of Mental Health, Bethesda, Md.).
1967. Psychopharmacol. Bull. 3:1-20 (Dec). 61 refs.

1:164 EFFECTS OF INTENSE AUDITORY STIMULATION IN ANIMALS, pp. 191-200 in Sensorineural Hearing Processes and Disorders, edited by A. Bruce Graham.
Hayden, Royal C., Jr. (Henry Ford Hospital, Detroit, Mich.).
1967. Boston, Mass., Little, Brown and Company. 543p. (15 refs.).

1:165 ELECTROENCEPHALIC AUDIOMETRY, pp. 305-311 in Sensorineural Hearing Processes and Disorders, edited by A. Bruce Graham.
Goldstein, Robert (Jewish Hospital of Saint Louis, St. Louis, Mo.).
1967. Boston, Mass., Little, Brown and Company. 543p. (23 refs.).

ENERGY CONVERSION IN THE PERIPHERAL EAR, pp. 21-36 in Sensorineural Hearing Processes and Disorders, edited by A. Bruce Graham. 1:166
Lawrence, Merle (University of Michigan Medical School, Ann Arbor).
1967. Boston, Mass., Little, Brown and Company. 543p. (15 refs.).

AN EVALUATION OF SOME MODELS OF LATERALITY. EFFECTS IN DICHOTIC LISTENING. 1:167
Bryden, M.P. (University of Waterloo, Ontario, Canada).
1967. Acta Otolaryng. (Stockholm). 63:595-604 (Jun). 28 refs.
Summary in German.

THE EVOLUTION OF VERTEBRATE HEARING. 1:168
Van Bergeijk, Willem A. (Bell Telephone Laboratories, Inc., Murray Hill, N.J.).
1967. Contrib. Sens. Physiol. 2:1-49. 63 refs.

EXTRA-TRIGEMINAL SENSORY SYSTEMS RELATED TO ORAL FUNCTION, chap. 3, pp. 84-97 in Oral Sensation and Perception, edited by James Bosma. 1:169
Storey, Arthur (University of Michigan, Ann Arbor).
1967. Springfield, Ill., Charles C Thomas. 360p. (59 refs.).

GENESIS OF THE COCHLEAR ENDOLYMPHATIC POTENTIAL. 1:170
Johnstone, Brian M. (The University of West Australia, Nedlands).
1967. Curr. Top. Bioenerg. 2:335-352. 42 refs.

HEARING-AID USAGE AND ITS EFFECT UPON RESIDUAL HEARING. 1:171
Ross, Mark, and Lerman, Jay (University of Connecticut, Storrs).
1967. Arch. Otolaryng. 86(6):639-644. 10 refs.

HUMAN INFANT ORAL FUNCTION, chap. 4, pp. 98-110 in Oral Sensation and Perception, edited by James Bosma. 1:172
Bosma, James (National Institute of Dental Research, Bethesda, Md.).
1967. Springfield, Ill., Charles C Thomas. 360p. (23 refs.).

LABYRINTHITIS OF VIRAL ORIGIN, pp. 445-450 in Sensorineural Hearing Processes and Disorders, edited by A. Bruce Graham. 1:173
Lindsay, John R. (University of Chicago School of Medicine, Chicago, Ill.).
1967. Boston, Mass., Little, Brown and Company. 543p. (9 refs.).

LANGUAGE AND COMMUNICATION. 1:174
Gumperz, John J. (University of California, Berkeley).
1967. Ann. Amer. Acad. Polit. Sci. 373:219-231 (Sep). 63 fns.

1:175 LEARNING DISABILITIES IN PSYCHONEUROLOGICALLY DISTURBED CHILDREN: BEHAVIORAL CORRELATES OF BRAIN DYSFUNCTIONS.
Myklebust, H.R.
1967. Proc. Amer. Psychopath. Ass. 56:298-320. 28 refs.
[Not examined.--Ed.]

1:176 THE LOUDNESS RECRUITMENT PHENOMENON: A CLINICAL CONTRIBUTION TO THE NEUROLOGY OF HEARING, pp. 489-499 in Sensorineural Hearing Processes and Disorders, edited by A. Bruce Graham.
Hallpike, C. S. (National Hospital, Queen Square, London, England).
1967. Boston, Mass., Little, Brown and Company. 543p. (8 refs.).

1:177 MEDICAL AUDIOLOGY.
Sataloff, Joseph, and Vassallo, Lawrence A. (Jefferson Medical College, Philadelphia, Pa).
1967. Arch. Otolaryng. 86(5):594-597 (Nov). 24 refs.

1:178 MORPHOLOGICAL ASPECTS OF COCHLEAR HAIR CELL PHYSIOLOGY, pp. 3-19 in Sensorineural Hearing Processes and Disorders, edited by A. Bruce Graham.
Wersall, Jan, and Flock, Ake (Karolinska Sjukhuset, Stockholm, Sweden).
1967. Boston, Mass., Little, Brown and Company. 543p. (40 refs.).

1:179 THE NEURAL SUBSTRATUM OF ORAL SENSATION, chap. 2, pp. 63-83 in Oral Sensation and Perception, edited by James Bosma.
Jerge, Charles R. (University of Connecticut, Storrs).
1967. Springfield, Ill., Charles C Thomas. 360p. (100 refs.).

1:180 THE OLIVOCOCHLEAR FEEDBACK SYSTEMS, pp. 77-86 in Sensorineural Hearing Processes and Disorders, edited by A. Bruce Graham.
Fex, Jorgen (Australian National University, Canberra, Australia).
1967. Boston, Mass., Little, Brown and Company. 543p. (27 refs.).

1:181 ORAL MUCOSAL SENSORY INNERVATION AND SENSORY EXPERIENCE, A REVIEW, chap. 1, pp. 5-62 in Oral Sensation and Perception, edited by James Bosma.
Grossman, Richard C., and Hattis, Barbara F. (University of California Center for the Health Sciences, Los Angeles).
1967. Springfield, Ill., Charles C Thomas. 360p. (81 refs.).

1:182 OTITIS MEDIA AND COMPLICATIONS.
Dysart, B. (University of Southern California Medical School, Los Angeles).
1967. Arch. Otol. 86:472-475 (Oct). 34 refs.

1;183 PERCEPTION OF SPEECH, pp. 129-137, in Sensorineural Hearing Processes and Disorders, edited by A. Bruce Graham.
Hirsh, Ira J. (Central Institute for the Deaf, St. Louis, Mo.).
1967. Boston, Mass., Little, Brown and Company. 543p. (21 refs.).

PERCEPTION OF THE SPEECH CODE. 1:184
Liberman, A.M.; Cooper, F.S.; Shankweiler, D.P., and Studdert-Kennedy, M. (Haskins Laboratories, New York, N.Y.).
1967. Psychol. Rev. 74(6):431-461 (Nov). 127 refs.

PHENOMENA OF LOCALIZATION, pp. 123-127. In Sensorineural Hearing Processes and Disorders, edited by A. Bruce Graham. 1:185
Licklider, J.C.R. (International Business Machines Corporation, Yorktown Heights, N.Y.).
1967. Boston, Mass., Little, Brown and Company. 543p. (No refs.).

THE ROLE OF GENETIC FACTORS IN THE HUMAN FACE, JAWS AND TEETH: A REVIEW. 1:186
Krogman, Wilton Marion (University of Pennsylvania, Philadelphia).
1967. Eugen. Rev. 59(3):165-192 (Sep). 146 refs.

SELECTED RECENT STUDIES OF LOUDNESS AND PITCH RELEVANT TO SENSORINEURAL PROCESSES IN HEARING, 93-103 In Sensorineural Hearing Processes and Disorders, edited by A. Bruce Graham. 1:187
Pollack, Irwin (University of Michigan Medical School, Ann Arbor).
1967. Boston, Mass., Little, Brown and Company. 543p. (15 refs.).

SELECTIVE AUDITORY ATTENTION IN CHILDREN. 1:188
Maccoby, Eleanor E. (Stanford University, Stanford, Calif.).
1967. Advances Child Develop. Behav. 3:99-124. 22 refs.

SENSORINEURAL DEAFNESS. 1:189
Perlman, H.B. (University of Chicago, Chicago, Ill.).
1967. Arch. Otolaryng. 85:110-111. 15 refs.

SEROUS OTITIS MEDIA AND ALLERGY. RELATION TO ALLERGY AND OTHER CAUSES. 1:190
Chan, James C. M.; Logan, George B., and McBean, James B. (Mayo Clinic, Rochester, Minn.).
1967. Amer. J. Dis. Child. 114(6):684-692 (Dec). 27 refs.

SOME OBSERVATIONS UPON DEVELOPMENTAL DYSLEXIA. 1:191
Critchley, MacDonald
1967. Mod. Trends Neurol. 4:135-144. 10 refs.

SOME PHENOMENA OF MASKING, pp. 139-151, In Sensorineural Hearing Processes and Disorders, edited by A. Bruce Graham. 1:192
Harris, J. Donald (C. W. Shilling Auditory Research Center, Inc., Groton, Conn.).
1967. Boston, Mass., Little, Brown and Company. 543p. (39 refs.).

1:193 SPEECH, THOUGHT, AND COMMUNICATION DISORDERS IN CHILDHOOD PSYCHOSES: THEORETICAL IMPLICATIONS.
Shervanian, Chris C. (University of Pittsburgh, Pittsburgh, Pa.).
1967. J. Speech Hearing Dis. 32(4):303-313. 82 refs.

1:194 STIMULATION DEAFNESS, pp. 427-443 in Sensorineural Hearing Processes and Disorders, edited by A. Bruce Graham.
Paparella, Michael M., and Melnick, William (Ohio State University College of Medicine, Columbus).
1967. Boston, Mass., Little, Brown and Company. 543p. (40 refs.).

1:195 A STUDY OF THE PROCEEDINGS OF THE CONVENTION OF AMERICAN INSTRUCTORS OF THE DEAF, 1850-1949.
Fauth, Bette LaVerne (San Bernardino County Program for the Aurally Handicapped, San Bernardino, Calif.) and Fauth, Warren Wesley (California School for the Deaf, Riverside).
1967, Jan. Convention Amer. Instruct. Deaf. Bull. 2. 247p.
Previously published in 9 installments, over the years, 1950-1955, in American Annals of the Deaf.

1:196 SUDDEN DEAFNESS, pp. 403-410 in Sensorineural Hearing Processes and Disorders, edited by A. Bruce Graham.
Saunders, William H. (Ohio State University College of Medicine, Columbus).
1967. Boston, Mass., Little, Brown and Company. 543p. (15 refs.).

1:197 THE TIMING OF THE VARIOUS OPERATIONS REQUIRED FOR COMPLETE ALVEOLAR CLEFTS AND THEIR INFLUENCE ON FACIAL GROWTH.
Maisels, D. O. (Whiston Hospital, Prescot, Lancashire, England).
1967. Brit. J. Plast. Surg. 20:230-243 (Jul). 79 refs.

1:198 UNDISTORTED SPEECH AUDIOMETRY, pp. 339-357 in Sensorineural Hearing Processes and Disorders, edited by A. Bruce Graham.
Liden, Gunnar (University of Goeteborg, Goeteborg, Sweden).
1967. Boston, Mass., Little, Brown and Company. 543p. (22 refs.).

1966

1:199 ACQUISITION OF LANGUAGE BY DEAF CHILDREN WITH OTHER DISABILITIES.
Withrow, Frank B. (Illinois School for the Deaf, Jacksonville).
1966. Volta Rev. 68(1):106-115 (Jan). 28 refs.

ANATOMICAL ASPECTS ON FUNCTIONAL ORGANIZATION OF THE VESTIBULAR NUCLEI, pp. 119-139, in The Role of The Vestibular Organs in Space Exploration, Second Symposium, sponsored by the National Aeronautics and Space Administration, Washington, D.C. 1:200
Brodal, A. (University of Oslo, Norway).
1966. 312p. NASA-SP-115. (96 refs.).

ANATOMICAL FEATURES OF THE AURICULAR SENSORY ORGANS, pp. 33-44, in The Role of The Vestibular Organs in Space Exploration, Second Symposium, sponsored by the National Aeronautics and Space Administration, Washington, D.C. 1:201
Engstrom, Hans; Lindeman, Henrik H. (University of Goteborg, Sweden), and Ades, Harlow W. (University of Illinois, Urbana).
1966. 312p. NASA-SP-115. (24 refs.).

ARTICULATORY PROBLEMS (AN INVERSE PROCESS OF EVALUATION AND THE PSYCHOLOGY OF ARTICULATION), chap. 13, pp. 301-320, in Speech Pathology, An International Study of the Science, edited by Robert W. Rieber, and R.S. Brubaker. 1:202
Milisen, R. (Indiana University, Bloomington).
1966. Philadelphia, Pa., J.B. Lippincott Company. 654p. (60 refs.).

ARTICULATORY PROBLEMS (ORGANIC CONDITIONS AND THE DISORDER OF ARTICULATION), chap. 7, pp. 137-149, in Speech Pathology, An International Study of the Science, edited by Robert W. Rieber, and R.S. Brubaker. 1:203
Milisen, R. (Indiana University, Bloomington).
1966. Philadelphia, Pa., J.B. Lippincott Company. 654p. (65 refs.).

THE ASCENDING VESTIBULAR SYSTEM AND ITS RELATIONSHIP TO CONJUGATE HORIZONTAL EYE MOVEMENTS, pp. 69-98, in The Vestibular System and Its Diseases, edited by Robert J. Wolfson. 1:204
Carpenter, Malcolm B. (Columbia University, New York City, N.Y.).
1966. Philadelphia, Pa., University of Pennsylvania Press. 557p. (39 refs.).

AUDIOLOGIC PATTERNS IN VESTIBULAR DISORDERS, pp. 334-352 in The Vestibular System and Its Diseases, edited by Robert J. Wolfson. 1:205
Winchester, Richard A. (University of Pennsylvania, Philadelphia).
1966. Philadelphia, Pa., University of Pennsylvania Press. 557p. (8 refs.).

AUDITORY PROBLEMS IN CHILDREN, chap. 10, pp. 210-258, in Speech Pathology, An International Study of the Science, edited by Robert W. Rieber, and R.S. Brubaker. 1:206
Kendall, D.C. (University of British Columbia, Vancouver).
1966. Philadelphia, Pa., J.B. Lippincott Company. 654p. (209 refs.).

BIOCHEMISTRY OF THE LABYRINTHINE FLUIDS, pp. 159-179, in The Vestibular System and Its Diseases, edited by Robert J. Wolfson. 1:207
Naftalin, L., and Harrison, M. Spencer.
1966. Philadelphia, Pa., University of Pennsylvania Press. 557p. (67 refs.).

1:208 THE CAPACITY FOR LANGUAGE ACQUISITION.
McNeill, David (University of Michigan, Ann Arbor).
1966. Volta Rev. 68(1):17-33 (Jan). 18 refs.

1:209 CEPHALOMETRIC STUDIES OF THE MANDIBLE IN INDIVIDUALS WITH CLEFTS: PART 1, A REVIEW.
Pinkerton, C.; Olin, W., and Meredith, H. (University of Iowa, Iowa City).
1966. Cleft Palate J. 3:258-267. 39 refs.

1:210 THE DEVELOPMENT OF SPEECH AND LANGUAGE IN THE NORMAL CHILD, chap. 3, pp. 42-76, in Speech Pathology, An International Study of the Science, edited by Robert W. Rieber, and R.S. Brubaker.
Winitz, H. (University of Missouri at Kansas City, Kansas City).
1966. Philadelphia, Pa., J.B. Lippincott Company. 654p. (88 refs.).

1:211 THE DIAGNOSIS AND TREATMENT OF OTOSCLEROSIS.
Willis, Rory (Royal Melbourne Hospital, Melbourne, Australia).
1966. Geriatrics 21(4):191-195 (Apr). 6 refs.

1:212 DIAGNOSTIC SIGNIFICANCE OF VERTIGO, pp. 353-371, in The Vestibular System and its Diseases, edited by Robert J. Wolfson.
Altmann, Franz (Columbia University, New York City, N.Y.).
1966. Philadelphia, Pa., University of Pennsylvania Press. 557p. (68 refs.).

1:213 THE ELEMENTS OF AN ACOUSTIC PHONETIC THEORY.
Peterson, Gordon E., and Shoup, June E. (University of Michigan, Ann Arbor).
1966. J. Speech Hear. Res. 9(1):68-99 (Mar). 8 refs.

1:214 EXPERIMENTAL PHONETICS, chap. 4, pp. 77-99, in Speech Pathology, An International Study of the Science, edited by Robert W. Rieber, and R.S. Brubaker.
Brubaker, R.S. (Pennsylvania State University, University Park).
1966. Philadelphia, Pa., J.B. Lippincott Company. 654p. (84 refs.).

1:215 THE FUNCTIONAL SIGNIFICANCE OF THE ULTRASTRUCTURE OF THE VESTIBULAR END ORGANS, pp. 73-87, in The Role of The Vestibular Organs in Space Exploration, Second Symposium, sponsored by the National Aeronautics and Space Administration, Washington, D.C.
Lowenstein, Otto (University of Birmingham, England).
1966. 312p. NASA-SP-115. (34 refs.).

1:216 AN HISTORICAL REVIEW OF THE AMERICAN LITERATURE IN SPEECH PATHOLOGY, chap. 2, pp. 24-41, in Speech Pathology, An International Study of the Science, edited by Robert W. Rieber, and R.S. Brubaker.
West, R. (The University of California, Los Angeles).
1966. Philadelphia, Pa., J.B. Lippincott Company. 654p. (41 refs.).

AN HISTORICAL REVIEW OF THE EUROPEAN LITERATURE IN SPEECH PATHOLOGY, chap. 1, pp. 5-23, in Speech Pathology, An International Study of the Science, edited by Robert W. Rieber, and R.S. Brubaker. 1:217
Rieber, Robert W. (Pace College, New York City), and Froeschels, E.
1966. Philadelphia, Pa., J.B. Lippincott Company. 654p. (81 refs.).

THE HUMORAL SYSTEM OF THE LABYRINTH. 1:218
Maggio, Elio (University of Naples College of Medicine, Naples, Italy).
1966. Acta Otolaryng. Suppl. 218. 135p. 441 refs.

LANGUAGE ACQUISITION OF DEAF CHILDREN. 1:219
Cooper, Robert L. (Columbia University, New York, N.Y.), and Rosenstein, Joseph (Lexington School for the Deaf, N.Y.).
1966. Volta Rev. 68(1):58-67, 125 (Jan). 29 refs.

LANGUAGE AND COMMUNICATION PROBLEMS IN CHILDREN, chap. 12, pp. 285-298, in Speech Pathology, An International Study of the Science, edited by Robert W. Rieber, and R.S. Brubaker. 1:220
Kendall, D.C. (University of British Columbia, Vancouver).
1966. Philadelphia, Pa., J.B. Lippincott Company. 654p. (64 refs.).

LANGUAGE DISORDERS IN CHILDREN. 1:221
Benton, Arthur L. (University of Iowa, Iowa City).
1966. Canad. Psychol. 7A(4, Inst. Suppl.):298-312. 9 refs.

LANGUAGE INSTRUCTION FOR THE DEAF. 1:222
Schmitt, Philip J. (University of Illinois, Urbana).
1966. Volta Rev. 68(1):85-105, 123 (Jan). 142 refs.

LANGUAGE PROBLEMS IN ADULTS (APPROACHES TO THE STUDY OF APHASIA), chap. 11, pp. 261-284, in Speech Pathology, An International Study of the Science, edited by Robert W. Rieber, and R.S. Brubaker. 1:223
Tikofsky, R.S. (University of Michigan, Ann Arbor).
1966. Philadelphia, Pa., J.B. Lippincott Company. 654p. (106 refs.).

LANGUAGE RESEARCH IN COUNTRIES OTHER THAN THE UNITED STATES. 1:224
Quigley, Stephen P. (University of Illinois, Urbana).
1966. Volta Rev. 68(1):68-83 (Jan). 61 refs.

MANAGEMENT OF DEAFNESS IN OTITIS MEDIA WITH EFFUSION. 1:225
Mauer, Theodore Paul (Philadelphia College of Osteopathy, Pa.).
1966. J. Amer. Osteo. Ass. 66:421-430 (Dec). 77 refs.

MINIMAL BRAIN DYSFUNCTION IN CHILDREN. TERMINOLOGY AND IDENTIFICATION. PHASE ONE OF A THREE-PHASE PROJECT. 1:226
Clements, Sam D., project director (National Institute of Neurological Diseases and Blindness, Bethesda, Md.).
1966. 22p. 122 refs. NINDB-Monog-3, PHS-1415.

1:227 MORPHOLOGICAL POLARIZATION OF THE MECHANORECEPTORS OF THE VESTIBULAR AND ACOUSTIC SYSTEMS, pp. 57-71, in The Role of The Vestibular Organs in Space Exploration, Second Symposium, sponsored by the National Aeronautics and Space Administration, Washington, D.C.
Wersall, Jan (Karolinska Sjukhuset, Sweden), and Lundquist, Per-G. (King Gustaf V Research Institute, Stockholm, Sweden).
1966. 312p. NASA-SP-115. (36 refs.).

1:228 NEURAL MECHANISM OF HEARING IN CATS AND MONKEYS.
Katsuki, Yasuji (Tokyo Medical and Dental University, Tokyo, Japan).
1966. Prog. Brain Res. 21A:71-97. 86 refs.

1:229 OCULAR COUNTERROLLING, pp. 229-241, in The Vestibular System and Its Diseases, edited by Robert J. Wolfson.
Miller, Earl F. (U.S. Naval School of Aviation Medicine, Pensacola, Fla.).
1966. Philadelphia, Pa., University of Pennsylvania Press. 557p. (14 refs.).

1:230 OTONEUROLOGY.
Perlman, H.B. (University of Chicago, Chicago, Ill.), and Lindsay, J.R.
1966. Progr. Neurol. Psychiat. 21:188-194. 24 refs.

1:231 PHONATORY AND RESONATORY PROBLEMS, chap. 8, pp. 150-181, in Speech Pathology, An International Study of the Science, edited by Robert W. Rieber, and R.S. Brubaker.
Mysak, Edward D. (Columbia University, New York City).
1966. Philadelphia, Pa., J.B. Lippincott Company. 654p. (69 refs.).

1:232 PHONATORY AND RESONATORY PROBLEMS (FUNCTIONAL VOICE DISORDERS), chap. 14, pp. 321-336, in Speech Pathology, An International Study of the Science, edited by Robert W. Rieber, and R.S. Brubaker.
Sokoloff, M. (Pace College, New York City).
1966. Philadelphia, Pa., J.B. Lippincott Company. 654p. (56 refs.).

1:233 PHYSIOGENIC AUDITORY PROBLEMS IN ADULTS, chap. 9, pp. 182-209, in Speech Pathology, An International Study of the Science, edited by Robert W. Rieber, and R.S. Brubaker.
Nober, E.H. (Syracuse University, Syracuse, N.Y.).
1966. Philadelphia, Pa., J.B. Lippincott Company. 654p. (182 refs.).

1:234 A PHYSIOLOGICAL THEORY OF PHONETICS.
Peterson, Gordon E., and Shoup, June E. (University of Michigan, Ann Arbor).
1966. J. Speech Hear. Res. 9(1):5-67 (Mar). 16 refs.

1:235 PSYCHOGENIC AUDITORY PROBLEMS IN ADULTS, chap. 15, pp. 337-353, in Speech Pathology, An International Study of the Science, edited by Robert W. Rieber, and R.S. Brubaker.
Nober, E.H. (Syracuse University, Syracuse, N.Y.).
1966. Philadelphia, Pa., J.B. Lippincott Company. 654p. (85 refs.).

PSYCHOTHERAPY AND SPEECH DISORDERS, chap. 5, pp. 100-110, in Speech Pathology, An International Study of the Science, edited by Robert W. Rieber, and R.S. Brubaker. 1:236
Rieber, Robert W. (Pace College, New York City).
1966. Philadelphia, Pa., J.B. Lippincott Company. 654p. (52 refs.).

PUBLIC SCHOOL SPEECH AND HEARING THERAPY, chap. 6, pp. 111-134, in Speech Pathology, An International Study of the Science, edited by Robert W. Rieber, and R.S. Brubaker. 1:237
Nichols, A.C. (San Diego State College, San Diego, Calif.).
1966. Philadelphia, Pa., J.B. Lippincott Company. 654p. (83 refs.).

RECENT ACTIVITY IN THE NOISE AND HEARING FIELD. 1:238
Baughn, W.L. (General Motors Corporation, Anderson, Ind.).
1966. Arch. Environ Health 12:474-479 (Apr). 15 refs.

THE RELATIONSHIP OF THE SEMICIRCULAR CANALS TO INDUCED HEAD AND EYE MOVEMENTS IN MAMMALS, pp. 131-155, in The Vestibular System and Its Diseases, edited by Robert J. Wolfson. 1:239
Cohen, Bernard, and Bender, M.B. (Mt. Sinai Hospital, New York City, N.Y.).
1966. Philadelphia, Pa., University of Pennsylvania Press. 557p. (68 refs.).

RESEARCH WITH THE DEAF: IMPLICATIONS FOR LANGUAGE AND COGNITION. 1:240
Furth, Hans G. (Catholic University of America, Washington, D.C.).
1966. Volta Rev. 68(1):34-56 (Jan). 84 refs.
Reprinted in part from Psychol. Bull. 62(3).

RUSSIAN EXPERIENCE OF PROBLEMS IN VESTIBULAR PHYSIOLOGY RELATED TO THE SPACE ENVIRONMENT, pp. 5-11, in The Role of The Vestibular Organs in Space Exploration, Second Symposium, sponsored by the National Aeronautics and Space Administration, Washington, D.C. 1:241
Billingham, John (Ames Research Center, Moffett Field, Calif.).
1966. 312p. NASA-SP-115. (46 refs.).

SPEECH AND LANGUAGE PROBLEMS IN CHILDREN WITH CLEFT PALATE. 1:242
McWilliams, Betty Jane (University of Pittsburgh, Pa.).
1966. J. Amer. Med. Wom. Ass. 21:1005-1015 (Dec). 61 refs.

SPEECH PATHOLOGY IN AUSTRIA, chap. 17, pp. 405-422, in Speech Pathology, An International Study of the Science, edited by Robert W. Rieber, and R.S. Brubaker. 1:243
Trojan, F. (University of Vienna, Austria).
1966. Philadelphia, Pa., J.B. Lippincott Company. 654p. (98 refs.).

1:244 SPEECH PATHOLOGY IN CZECHOSLOVAKIA, chap. 19, pp. 439-457, in Speech Pathology, An International Study of the Science, edited by Robert W. Rieber, and R.S. Brubaker.
Seeman, M. (Charles University, Praha, Czechoslovakia).
1966. Philadelphia, Pa., J.B. Lippincott Company. 654p. (39 refs.).

1:245 SPEECH PATHOLOGY IN GERMANY, chap. 20, pp. 458-479, in Speech Pathology, An International Study of the Science, edited by Robert W. Rieber, and R.S. Brubaker.
Schilling, A. (The Free University of Berlin, West Berlin, Germany).
1966. Philadelphia, Pa., J.B. Lippincott Company. 654p. (92 refs.).

1:246 SPEECH PATHOLOGY IN GREAT BRITAIN, chap. 18, pp. 423-438, in Speech Pathology, An International Study of the Science, edited by Robert W. Rieber, and R.S. Brubaker.
van Thal, J.H. (Royal Hospital of St. Bartholomew, London, England).
1966. Philadelphia, Pa., J.B. Lippincott Company. 654p. (60 refs.).

1:247 SPEECH PATHOLOGY IN HOLLAND, chap. 21, pp. 480-501, in Speech Pathology, An International Study of the Science, edited by Robert W. Rieber, and R.S. Brubaker.
Gelder, L. van (University of Amsterdam, The Netherlands).
1966. Philadelphia, Pa., J.B. Lippincott Company. 654p. (49 refs.).

1:248 SPEECH PATHOLOGY IN HUNGARY, chap. 22, pp. 502-511, in Speech Pathology, An International Study of the Science, edited by Robert W. Rieber, and R.S. Brubaker.
Revesz, G. (University Medical School, Budapest, Hungary).
1966. Philadelphia, Pa., J.B. Lippincott Company. 654p. (13 refs.).

1:249 SPEECH PATHOLOGY IN ISRAEL, chap. 23, pp. 512-526, in Speech Pathology, An International Study of the Science, edited by Robert W. Rieber, and R.S. Brubaker.
Gumpertz, F., and Tell-Bauberger, L. (Hadassah Hospital, Jerusalem, Israel).
1966. Philadelphia, Pa., J.B. Lippincott Company. 654p. (27 refs.).

1:250 SPEECH PATHOLOGY IN ITALY, chap. 24, pp. 527-560, in Speech Pathology, An International Study of the Science, edited by Robert W. Rieber, and R.S. Brubaker.
Croatto, L. (Centro Medico Chirurgico di Foniatria, Padova, Italy).
1966. Philadelphia, Pa., J.B. Lippincott Company. 654p. (234 refs.).

1:251 SPEECH PATHOLOGY IN JAPAN AND FORMOSA, chap. 25, pp. 561-570, in Speech Pathology, An International Study of the Science, edited by Robert W. Rieber, and R.S. Brubaker.
Kirikae, I. (University of Tokyo, Japan).
1966. Philadelphia, Pa., J.B. Lippincott Company. 654p. (36 refs.).

SPEECH PATHOLOGY IN LATIN AMERICA, chap. 26, pp. 571-578, in Speech Pathology, An International Study of the Science, edited by Robert W. Rieber, and R.S. Brubaker. 1:252
Berruecos, P. (Mexican Institute of Hearing and Speech, Mexico City).
1966. Philadelphia, Pa., J.B. Lippincott Company. 654p. (No refs.).

SPEECH PATHOLOGY IN POLAND, chap. 27, pp. 579-584, in Speech Pathology, An International Study of the Science, edited by Robert W. Rieber, and R.S. Brubaker. 1:253
Mitrinowicz-Modrzejewska, A. (Medical Academy, Warsaw, Poland).
1966. Philadelphia, Pa., J.B. Lippincott Company. 654p. (5 refs.).

SPEECH PATHOLOGY IN THE SCANDINAVIAN COUNTRIES, chap. 28, pp. 585-593, in Speech Pathology, An International Study of the Science, edited by Robert W. Rieber, and R.S. Brubaker. 1:254
Abrahams, H. (National Institute for Speech Disorders, Aarhus, Denmark).
1966. Philadelphia, Pa., J.B. Lippincott Company. 654p. (No refs.).

SPEECH PATHOLOGY IN SOUTH AFRICA, chap. 29, pp. 594-601, in Speech Pathology, An International Study of the Science, edited by Robert W. Rieber, and R.S. Brubaker. 1:255
Pienaar, P. De V. (University of Pretoria, South Africa).
1966. Philadelphia, Pa., J.B. Lippincott Company. 654p. (6 refs.).

SPEECH PATHOLOGY IN SPAIN, chap. 30, pp. 602-612, in Speech Pathology, An International Study of the Science, edited by Robert W. Rieber, and R.S. Brubaker. 1:256
Perello, J. (Hospital de San Pablo, Colegio Mayor de Medicina, Spain).
1966. Philadelphia, Pa., J.B. Lippincott Company. 654p. (118 refs.).

SPEECH PATHOLOGY IN THE U.S.S.R., chap. 31, pp. 613-618, in Speech Pathology, An International Study of the Science, edited by Robert W. Rieber, and R.S. Brubaker. 1:257
Derazne, J. (Kiev Clinical Hospital in the name of the October Revolution, Kiev, U.S.S.R.).
1966. Philadelphia, Pa., J.B. Lippincott Company. 654p. (No refs.).

STUTTERING PROBLEMS, chap. 16, pp. 354-402, in Speech Pathology, An International Study of the Science, edited by Robert W. Rieber, and R.S. Brubaker. 1:258
Bloodstein, O. (Brooklyn College, New York City), and Brutten, E.J. (Southern Illinois University, Carbondale).
1966. Philadelphia, Pa., J.B. Lippincott Company. 654p. (150 refs.).

SUBCULTURAL DIFFERENCES IN CHILD LANGUAGE: AN INTER-DISCIPLINARY REVIEW. 1:259
Cazden, Courtney B. (Harvard University, Cambridge, Mass.).
1966. Merrill Palmer Quart. 12:185-219. 103 refs.

1:260 A SURVEY OF HAND-SCHUELLER-CHRISTIAN'S DISEASE IN OTOLARYNGOLOGY.
Tos, M. (Amtssygehuset, Glostrup, Denmark).
1966. Acta Otolaryg. 62:217-228 (Sep). 40 refs.

1:261 ULTRASTRUCTURE OF THE VESTIBULAR SENSE ORGAN, pp. 39-68, in The Vestibular System and Its Diseases, edited by Robert J. Wolfson.
Spoendlin, H. (University of Zurich, Zurich, Switzerland).
1966. Philadelphia, Pa., University of Pennsylvania Press. 557p. (40 refs.).

1:262 THE VESTIBULAR EFFERENT PATHWAY, pp. 99-116, in The Vestibular System and Its Diseases, edited by Robert J. Wolfson.
Gacek, Richard R. (Harvard Medical School, Boston, Mass.).
1966. Philadelphia, Pa., University of Pennsylvania Press. 558p. (28 refs.).

1:263 VESTIBULAR PROBLEMS IN RELATION TO SPACE TRAVEL, pp. 443-458, in The Vestibular System and Its Diseases, edited by Robert J. Wolfson.
Graybiel, Ashton (U.S. Naval School of Aviation Medicine, Pensacola, Fla.).
1966. Philadelphia, Pa., University of Pennsylvania Press. 557p. (39 refs.).

1:264 WHAT WORDS ARE STUTTERED?
Taylor, Insup K. (Lakeshore Psychiatric Hospital, New Toronto, Canada).
1966. Psychol. Bull. 65(4):233-242. 27 refs.

1965

1:265 AUDIOMETRIC STUDIES OF MENTALLY RETARDED SUBJECTS: 1951 TO PRESENT, pp. 299-314, in The Audiologic Assessment of the Mentally Retarded, edited by Lyle Lloyd and D. Robert Frisina.
Lloyd, Lyle L., and Michael Reid (Univeristy of Kansas Bureau of Child Research, Parsons).
1965, Mar. Parsons, Kans., Parsons State Hospital and Training Center. 314p. (30 refs.).

1:266 AUDITORY DISORDERS AND READING DISORDERS, pp. 81-102, in Reading Disorders, edited by Flower, Richard M.; Gofman, Helen F., and Lawson, Lucie I.
Flower, Richard M. (University of California San Francisco School of Medicine).
1965. Philadelphia, Pa., F.A. Davis Company. 146p. (60 refs.).

BEHAVIOR OBSERVATION IN THE AUDIOLOGIC EVALUATION OF THE MENTALLY RETARDED, pp. 193-212, in The Audiologic Assessment of the Mentally Retarded, edited by Lyle L. Lloyd and D. Robert Frisina. 1:267
Whipple, Clifford I. (Kentucky Southern College, Louisville).
1965, Mar. Parsons, Kans., Parsons State Hospital and Training Center. 314p. (14 refs.).

CELLULAR PATTERN, NERVE STRUCTURES, AND FLUID SPACES OF THE ORGAN OF CORTI. 1:268
Engstrom, Hans (University of Goeteborg, Goeteborg, Sweden); Ades, Harlow W. (U.S. Naval School of Aviation Medicine, Pensacola, Fla.), and Hawkins, Joseph E., Jr. (Special Fellow, U.S. Public Health Service).
1965. Contrib. Sens. Physiol. 1:1-37. 52 refs.

CURRENT TRENDS IN EEG AUDIOMETRY, pp. 237-257, in The Audiologic Assessment of the Mentally Retarded, edited by Lyle L. Lloyd and D. Robert Frisina. 1:269
Garwood, Victor P. (University of Southern California, Los Angeles).
1965, Mar. Parsons, Kans., Parsons State Hospital and Training Center. 314p. (55 refs.).

GRAMMATICAL MODELS AND LANGUAGE LEARNING, pp. 15-28 in Directions in Psycholinguistics, edited by Sheldon Rosenberg. 1:270
Saporta, Sol, and others (University of Washington, Seattle).
1965. New York, Macmillan Company. 260p. (2 refs.).

HISTOLOGICAL STUDIES OF MENIERE'S DISEASE. 1:271
Altmann, F., and Kornfeld, Mario (Columbia University, College of Physicians and Surgeons, New York).
1965. Ann. Otol. Rhinol. Laryngol. 74(4):915-943 (Dec). 22 refs.

INDIVIDUAL DIFFERENCES IN WORD USAGE, pp. 203-234 in Directions in Psycholinguistics, edited by Sheldon Rosenberg. 1:272
Nunnally, Jum C. (Vanderbilt, Nashville, Tenn.).
1965. New York, Macmillan Company. 260p. (32 refs.).

INTRODUCTION TO PSYCHOLINGUISTICS, pp. 3-12 in Directions in Psycholinguistics, edited by Sheldon Rosenberg. 1:273
Rosenberg, Sheldon (Peabody College, Nashville, Tenn.) and Koplin, James H. (Vanderbilt University, Nashville, Tenn.).
1965. New York, Macmillan Company. 260p. (25 refs.).

LANGUAGE: A PERSPECTIVE FROM THE STUDY OF APHASIA, pp. 237-253 in Directions in Psycholinguistics, edited by Sheldon Rosenberg. 1:274
Jones, Lyle V. (University of North Carolina, N.C.) and Wepman, Joseph M. (University of Chicago, Chicago, Ill.).
1965. New York, Macmillan Company. 260p. (28 refs.).

1:275 LINGUISTIC MODELS AND FUNCTIONAL UNITS OF LANGUAGE BEHAVIOR, pp. 29-65 in Directions in Psycholinguistics, edited by Sheldon Rosenberg.
Johnson, Neal F. (Ohio State University, Columbus).
1965. New York, Macmillan Company. 260p. (23 refs.).

1:276 MEDIATION THEORY AND GRAMMATICAL BEHAVIOR, pp. 66-96 in Directions in Psycholinguistics, edited by Sheldon Rosenberg.
Jenkins, James J. (University of Minnesota, Minneapolis).
1965. New York, Macmillan Company. 260p. (43 refs.).

1:277 NEUROLOGIC ASPECTS OF READING DISORDERS, pp. 45-60, in Reading Disorders, edited by Flower, Richard M.; Gofman, Helen F., and Lawson, Lucie I.
Whitsell, Leon J. (University of California San Francisco School of Medicine).
1965. Philadelphia, Pa., F.A. Davis Company. 146p. (57 refs.).

1:278 PROGRAMS FOR DYSLEXICS.
Jones, Morris Val (Sacramento State College, Sacramento, Calif.).
1965. Rehab. Lit. 26(8):236-240 (Aug). 17 refs.

1:279 PSYCHIATRIC CONSIDERATIONS IN READING DISORDERS, pp. 61-73, in Reading Disorders, edited by Flower, Richard M.; Gofman, Helen F., and Lawson, Lucie I.
Jampolsky, Gerald G. (University of California San Francisco School of Medicine).
1965. Philadelphia, Pa., F.A. Davis Company. 146p. (22 refs.).

1:280 PSYCHOPHYSIOLOGICAL STUDIES OF VESTIBULAR FUNCTION.
Guedry, Fred E., Jr. (U.S. Naval School of Aviation Medicine, Pensacola, Fla.).
1965. Contrib. Sens. Physiol. 1:63-135. 163 refs.

1:281 A REVIEW: GSR AUDIOMETRY WITH THE MENTALLY RETARDED, pp. 213-235, in The Audiologic Assessment of the Mentally Retarded, edited by Lyle Lloyd and D. Robert Frisina.
Fulton, Robert T. (Fort Wayne State School, Fort Wayne, Ind.).
1965, Mar. Parsons, Kans., Parsons State Hospital and Training Center. 314p. (21 refs.).

1964

1:282 BINAURAL HEARING AND INTELLIGIBILITY.
Decroix, G., and Dehaussy, J. (University of Lille, Lille, France).
1964. J. Aud. Res. 4:115-134. 19 refs.

A BIOLOGICAL PERSPECTIVE OF LANGUAGE, pp. 65-88, in New Directions in the Study of Language, edited by Eric Lenneberg. 1:283
Lenneberg, Eric H. (Harvard University, Cambridge, Mass.).
1964. Cambridge, Mass., The M.I.T. Press. 194p. (47 refs.).

CONCEPT DEVELOPMENT AND LANGUAGE INSTRUCTION. 1:284
Rosenstein, Joseph (Lexington School for the Deaf, New York City).
1964. Except. Child. 30:337-343 (Apr). 9 refs.

CURRENT MANAGEMENT OF HEARING LOSS IN CHILDREN. 1:285
House, Howard P.; Linthicum, Fred H., Jr., and Johnson, E.W. (University of Southern California, Los Angeles).
1964. Amer. J. Dis. Child. 108:677-696 (Dec). 7 refs.

THE EARLY GROWTH OF LANGUAGE CAPACITY IN THE INDIVIDUAL, pp. 1-22, in New Directions in the Study of Language, edited by Eric Lenneberg. 1:286
Carmichael, Leonard (National Geographic Society, Washington, D.C.).
1964. Cambridge, Mass., The M.I.T. Press. 194p. (33 refs.).

FIVE APHASIAS: A COMMENTARY ON APHASIA AS A REGRESSIVE LINGUISTIC PHENOMENON, chap. 13 in Disorders of Communication, edited by David McK. Rioch and Edwin A. Weinstein. 1:287
Wepman, Joseph M. (University of Chicago, Chicago, Ill.), and Jones, Lyle V. (University of North Carolina, Chapel Hill).
1964. Res. Publ. Ass. Res. Nerv. Ment. Dis. 42:190-203. 20 refs.

THE LANGUAGE OF SIGNS AND SYMBOLIC BEHAVIOR OF THE DEAF, chap. 11 in Disorders of Communication, edited by David McK. Rioch and Edwin A. Weinstein. 1:288
Mendelson, Jack H. (Harvard Medical School, Boston, Mass.); Siger, Leonard (Gallaudet College, Washington, D.C.); Kubzansky, Philip E. (Boston University, Boston, Mass.), et al.
1964. Res. Publ. Ass. Res. Nerv. Ment. Dis. 42:151-170. 33 refs.

PERSONALITY STEREOTYPES IN VOICE: A RECONSIDERATION OF THE DATA. 1:289
Kramer, E. (University of Michigan, Ann Arbor).
1964. J. Soc. Psychol. 62:247-251. 25 refs.

PHONOMETRY. 1:290
Fischer-Jorgensen, Eli (Kongestien 45, Virum, Denmark).
1964. Phonetica 11:144-154. 17 fns. 7 refs.

QUANTITATIVE STUDIES OF APHASIC LANGUAGE, chap. 16 in Disorders of Communication, edited by David McK. Rioch and Edwin A. Weinstein. 1:291
Howes, David, and Geschwind, Norman (Boston University School of Medicine, Mass.).
1964. Res. Publ. Ass. Res. Nerv. Ment. Dis. 42:229-244. 3 refs.

1:292 READING AND SPEECH PROBLEMS AS EXPRESSIONS OF A SPECIFIC LANGUAGE DISABILITY, chap. 12 in Disorders of Communication, edited by David McK. Rioch and Edwin A. Weinstein.
Cole, Edwin M. (Harvard Medical School, Cambridge, Mass.), and Walker, Louise (Massachusetts General Hospital, Boston).
1964. Res. Publ. Ass. Res. Nerv. Ment. Dis. 42:171-189. 97 refs.

1:293 REVIEW OF AUDITORY RESEARCH.
Elliott, Donald N. (Wayne State University, Detroit, Mich.).
1964. Ann. Rev. Psychol. 15:57-86. 155 refs.

1:294 SOME OBSERVATIONS ABOUT RESEARCH ON VOCAL BEHAVIOR, chap. 32 in Disorders of Communication, edited by David McK. Rioch and Edwin A. Weinstein.
Mahl, George F. (Yale University, New Haven, Conn.).
1964. Res. Publ. Ass. Res. Nerv. Ment. Dis. 42:466-483. 22 refs.

1963

1:295 APHASIA: A REVIEW.
Charlton, M. H. (Columbia Presbyterian Medical Center, New York, N.Y.).
1963. Amer. J. Psychiat. 119:872-874. 6 refs.

1:296 AUDITORY ADAPTATION, chap. 8, pp. 287-336 in Modern Developments in Audiology, edited by James Jerger.
Small, Arnold M., Jr. (University of Iowa, Iowa City).
1963. New York, N.Y., Academic Press. 446p. (87 refs.).

1:297 AUDITORY FATIGUE AND MASKING, chap. 7, pp. 240-286 in Modern Developments in Audiology, edited by James Jerger.
Ward, W. Dixon (University of Minnesota, Minneapolis).
1963. New York, N.Y., Academic Press. 446p. (108 refs.).

1:298 AUTOMATIC AUDIOMETRY, chap. 2, pp. 30-75 in Modern Developments in Audiology, edited by James Jerger.
Rudmose, Wayne (Southern Methodist University, Dallas, Tex.).
1963. New York, N.Y. Academic Press. 446p. (19 refs.).

1:299 CENTRAL HEARING PROCESSES, chap. 9, pp. 337-370 in Modern Developments in Audiology, edited by James Jerger.
Bocca, E., and Calearo, C. (University of Sassari, Sassari, Italy).
1963. New York, N.Y., Academic Press. 446p. (70 refs.).

CHRONIC PROGRESSIVE DEAFNESS. RESUME OF WORLD-WIDE PUBLICATIONS 1952-1959. 1:300
Proctor, Bruce (Wayne State University, Detroit, Mich.).
1963. Detroit, Mich., Wayne State University Press. 673p. 2,801 refs.
Reprinted from the Archives of Otolaryngology: 65:608-640, 1957; 67:462-502, 1958; 69:334-371, 1959; 70:220-270, 373-407, 1959; 71:811-873, 956-1028, 1960; 72:483-559, 632-699, 1960; 73:444-499, 565-615, 1961; 74:446-479, 568-605, 1961.

ELECTROPHYSIOLOGIC AUDIOMETRY, chap. 5, pp. 167-192 in Modern Developments in Audiology, edited by James Jerger. 1:301
Goldstein, Robert (The Jewish Hospital of St. Louis, St. Louis, Mo.).
1963. New York, N.Y., Academic Press. 446p. (68 refs.).

FUNCTIONAL HEARING LOSS, chap. 3, pp. 76-125 in Modern Developments in Audiology, edited by James Jerger. 1:302
Chaiklin, Joseph B. (Stanford University School of Medicine, Palo Alto, Calif.), and Ventry, Ira M. (American Speech and Hearing Association, Washington, D.C.).
1963. New York, N.Y., Academic Press. 446p. (156 refs.).

THE MEASUREMENT OF HEARING BY BONE CONDUCTION, chap. 1, pp. 1-29 in Modern Developments in Audiology, edited by James Jerger. 1:303
Naunton, Ralph E. (University of Chicago, Chicago, Ill.).
1963. New York, N.Y., Academic Press. 446p. (38 refs.).

MEASUREMENT OF HEARING IN CHILDREN, chap. 4, pp. 126-166 in Modern Developments in Audiology, edited by James Jerger. 1:304
Frisina, Robert D. (Gallaudet College, Washington, D.C.).
1963. New York, N.Y., Academic Press. 446p. (71 refs.).

MIDDLE-EAR MUSCLE REFLEXES IN MAN, chap. 6, pp. 193-239 in Modern Developments in Audiology, edited by James Jerger. 1:305
Jepsen, Otto (University of Aarhus, Aarhus, Denmark).
1963. New York, N.Y., Academic Press. 446p. (125 refs.).

MODERN DEVELOPMENTS IN AUDIOLOGY. 1:306
Jerger, James, ed. (Baylor University, College of Medicine, Waco, Tex.).
1963. New York, Academic Press. 446p.

PHYSIOLOGY OF THE MIDDLE EAR. 1:307
Kirikae, I. (University of Tokyo, Japan).
1963. Arch. Otolaryng. 78:317-328 (Sep). No refs.

PSYCHOPHYSICAL CORRELATES OF INTRATYMPANIC ACTION, pp. 152-170 in Middle Ear Function Seminar, edited by John L. Fletcher, Psychology Division, Army Medical Research Laboratory, Fort Knox, Ky. 1:308
Loeb, Michel (Army Medical Research Laboratory, Fort Knox, Ky.).
1963, May 10. Report 576. 207p. AD-405 755. (70 refs.).

1:309 RESEARCH ON INTONATION DURING THE PAST TEN YEARS.
Magdics, K. (Hungarian Academy of Sciences, Budapest, Hungary).
1963. Acta Linguist. 13:133-165. 64 refs.
[Not examined.--Ed.]

1:310 RESEARCH FRONTIERS IN AUDIOLOGY, chap. 11, pp. 409-432 in Modern Developments in Audiology, edited by James Jerger.
Harris, J. Donald (The C. W. Shilling Auditory Research Center, Groton, Conn.).
1963. New York, N.Y., Academic Press. 446p.

1:311 THE THEORY OF SIGNAL DETECTABILITY AND THE MEASUREMENT OF HEARING, chap. 10, pp. 371-408 in Modern Developments in Audiology, edited by James Jerger.
Clarke, Frank R. (University of Michigan, Ann Arbor), and Bilger, Robert C. (University of Pittsburgh, Pittsburgh, Pa.).
1963. New York, N.Y., Academic Press. 446p. (14 refs.).

1962

1:312 DIAGNOSTIC PROCEDURES FOR AUDITORY DISORDERS IN CHILDREN.
Di Carlo, L. M. (Syracuse University, Syracuse, N.Y.); Kendall, D. C., and Goldstein, R.
1962. Folia Phoniat. 14:206-264.

1. Introduction and measurements (Di Carlo). 58 refs.
2. Some methodological considerations in the study of hearing impairment in young children (Kendall). 47 refs.
3. Determination and interpretation of auditory thresholds (Goldstein). 22 refs.

[Has not been examined.--Ed.]

1:313 THE EAR IN OSTEOGENESIS IMPERFECTA.
Stoller, F. M. (University of Chicago, Chicago, Ill.).
1962. Laryngoscope 72:855-869. 40 refs.

1:314 EVALUATION AND STUTTERING: 2. ENVIRONMENTAL STRESS AND CRITICAL APPRAISAL OF SPEECH.
Wingate, M. E. (University of Washington, Seattle).
1962. J. Speech Hear. Dis. 27(3):244-257 (Aug). 42 refs.

1:315 HEARING.
Wever, Ernest Glen (Princeton University, Princeton, N.J.).
1962. Ann. Rev. Psychol. 13:225-250. 201 refs.

1961

NEURAL MECHANISMS OF AUDITORY DISCRIMINATION, chap. 15, pp. 259-278 in Sensory Communication, edited by Walter A. Rosenblith. 1:316
Neff, William D. (University of Chicago, Ill.).
1961. Cambridge, Mass., M.I.T. Press. 844p. (39 refs.).

ORGANIZATION OF CORTICAL AUDITORY SYSTEM, chap. 14, pp. 235-257 in Sensory Communication, edited by Walter A. Rosenblith. 1:317
Woolsey, Clinton N. (University of Wisconsin, Madison).
1961. Cambridge, Mass., M.I.T. Press. 844p. (38 refs.).

PERIPHERAL CODING OF AUDITORY INFORMATION, chap. 7, pp. 119-141 in Sensory Communication, edited by Walter A. Rosenblith. 1:318
Davis, Hallowell, (Central Institute for the Deaf, St. Louis, Mo.).
1961. Cambridge, Mass., M.I.T. Press. 844p. (29 refs.).

PNEUMODYNAMICS AS A FACTOR IN CLEFT PALATE SPEECH. 1:319
Mysak, E. D. (Teachers College, Columbia University).
1961. Plast. Reconstruct. Surg. 28:588-591 (Nov). 4 refs.

THE RECEPTION OF BAT CRIES BY THE TYMPANIC ORGAN OF NOCTUID MOTHS, chap. 28, pp. 545-560 in Sensory Communication, edited by Walter A. Rosenblith. 1:320
Roeder, Kenneth D. (Tufts University, Medford, Mass.), and Treat, Asher E. (College of the City of New York, N.Y.).
1961. Cambridge, Mass, M.I.T. Press. 844p. (14 refs.).

TWO EARS--BUT ONE WORLD, chap. 6, pp. 99-117 in Sensory Communication, edited by Walter A. Rosenblith. 1:321
Cherry, Colin (Imperial College, University of London, England).
1961. Cambridge, Mass., M.I.T. Press. 844p. (6 refs.).

Cognate

1968

1:322 BRAIN FUNCTIONS.
Rosenzwieg, Mark R., and Leiman, Arnold L. (University of California, Berkeley).
1968. Ann. Rev. Psychol. 19:55-98. 290 refs.

1:323 DEVELOPMENTAL PSYCHOLOGY.
Campbell, Dugal, and Thompson, W. R. (Queen's University, Kingston, Ontario, Canada).
1968. Ann. Rev. Psychol. 19:251-292. 249 refs.

1:324 MASS COMMUNICATION.
Tennenbaum, Percy H. (University of Wisconsin, Madison), and Greenberg, Bradley S. (Michigan State University, East Lansing).
1968. Ann. Rev. Psychol. 19:351-386. 271 refs.

1:325 NERVOUS SYSTEM: AFFERENT MECHANISMS.
Goldberg, Jay M., and Lavine, Robert A. (University of Chicago, Chicago, Ill.).
1968. Ann. Rev. Physiol. 30:319-358. 350 refs.

1:326 PROBLEMS RELATING PSYCHOLOGICAL AND ELECTROPHYSIOLOGICAL OBSERVATIONS IN SENSORY PERCEPTION.
Bekesy, Georg von (University of Hawaii, Honolulu).
1968. Perspect. Biol. Med. 11(2):179-194 (Winter). 6 refs.

1:327 SUMMARY OF INVESTIGATIONS RELATING TO READING, JULY 1, 1966 TO JUNE 30, 1967.
Robinson, Helen M.; Weintraub, Samuel, and Smith, Helen K. (University of Chicago, Chicago, Ill.).
1968. Reading Res. Quart. 3(2):151-301 (Winter). 310 refs.
Summaries in French and Spanish.

1:328 VERBAL LEARNING AND MEMORY.
Keppel, Geoffrey (University of California, Berkeley).
1968. Ann. Rev. Psychol. 19:169-202. 253 refs.

1965

1:337 THE INFLUENCE OF GRAMMATICAL AND ASSOCIATIVE HABITS ON VERBAL LEARNING, pp. 121-145 in Directions in Psycholinguistics, edited by Sheldon Rosenberg.
Rosenberg, Sheldon (Peabody College, Nashville, Tenn.).
1965. New York, Macmillan Company. 260p. (29 refs.).

1:338 THE LANGUAGE REPERTOIRE AND SOME PROBLEMS IN VERBAL LEARNING, pp. 99-120 in Directions in Psycholinguistics, edited by Sheldon Rosenberg.
Underwood, Benton J. (Northwestern University, Evanston, Ill.).
1965. New York, Macmillan Company. 260p. (17 refs.).

1:339 THEORETICAL AND EPISTEMOLOGICAL ISSUES IN VERBAL CONDITIONING, pp. 149-200 in Directions in Psycholinguistics, edited by Sheldon Rosenberg.
Spielberger, Charles D. (Vanderbilt University, Nashville, Tenn.).
1965. New York, Macmillan Company. 260p. (48 refs.).

1964

1:340 CLINICAL SCIENCE AND COMMUNICATION THEORY, chap. 17 in Disorders of Communication, edited by David McK. Rioch and Edwin A. Weinstein.
Ruesch, Jurgen (University of California School of Medicine, San Francisco).
1964. Res. Publ. Ass. Res. Nerv. Ment. Dis. 42:247-261. 90 refs.

1:341 THE CURRENT STATUS OF CEREBRAL DOMINANCE, chap. 8 in Disorders of Communication, edited by David McK. Rioch and Edwin A. Weinstein.
Zangwill, Oliver L. (University of Cambridge, Cambridge, England).
1964. Res. Publ. Ass. Res. Nerv. Ment. Dis. 42:103-118. 54 refs.

1:342 LANGUAGE AND PSYCHOLOGY, pp. 89-107, in New Directions in the Study of Language, edited by Eric Lenneberg.
Miller, George A. (Harvard University, Cambridge, Mass.).
1964. Cambridge, Mass., The M.I.T. Press. 194p. (14 refs.).

1:343 PSYCHOLOGICAL EFFECTS OF HYPOXIA: REVIEW OF CERTAIN LITERATURE FROM THE PERIOD 1950 to 1963.
Tune, G. S. (Harvard University, Cambridge, Mass.).
1964. Percept. Motor Skills 19:551-562. 50 refs.

1967

DEVELOPING CONCEPTS OF LATERALIZATION OF CEREBRAL FUNCTIONS. 1:329
Giannitrapani, Duilio (Institute for Psychosomatic and Psychiatric Research and Training, Michael Reese Hospital and Medical Center, Chicago, Ill.).
1967. Cortex 3:353-370 (Sep). 66 refs.

FUNCTIONAL ALTERATIONS OF CEREBRAL SENSORY AREAS BY THE CEREBELLUM. 1:330
Snider, Ray S. (University of Rochester, Rochester, N.Y.).
1967. Progr. Brain Res. 25:322-333. 52 refs.

THE MOUTH AS AN ORGAN FOR LAYING HOLD ON THE ENVIRONMENT, chap. 5, pp. 111-136 in Oral Sensation and Perception, edited by James Bosma. 1:331
Gibson, James J. (Cornell University, Ithaca, N.Y.).
1967. Springfield, Ill., Charles C Thomas. 360p. (35 refs.).

PERCEPTUAL INTEGRATION IN CHILDREN. 1:332
Pick, Herbert L., Jr.; Pick, Anne D., and Klein, Robert E. (University of Minnesota and Macalester College, Minneapolis).
1967. Advances Child Develop. Behav. 3:191-223. 75 refs.

THE SENSORY NEOCORTEX. 1:333
Diamond, I. T. (Duke University, Durham, N.C.).
1967. Contrib. Sens. Physiol. 2:51-100. 41 refs.

1966

NEURAL MODELING. 1:334
Hammond, L.D., and Lewis, E.R. (Bell Telephone Laboratories, Inc., Murray Hill, N.J.).
1966. Physiol. Rev. 46(1):513-591 (Jan). 305 refs.

PROJECTIONS OF THE MOTOR, SOMATIC SENSORY, AUDITORY AND VISUAL CORTICES IN CATS. 1:335
Kusama, Toshio (University of Tokyo, Tokyo, Japan); Katsumi Otani (Chiba University, Chiba, Japan), and Etsuro Kawana (University of Tokyo, Tokyo, Japan).
1966. Progr. Brain Res. 21A:292-322. 85 refs.

THE STORY OF ACOUSTICS. 1:336
Lindsay, R. Bruce (Brown University, Providence, R.I.).
1966. J. Acoust. Soc. Amer. 39(4):629-644. 79 refs.

SENSORY FEEDBACK ANALYSIS IN MEDICAL RESEARCH - 2. SPATIAL ORGANIZATION OF NEUROBEHAVIORAL SYSTEMS. 1:344
Smith, Karl U. (University of Wisconsin, Madison).
1964. Amer. J. Phys. Med. 43(2):49-84 (Apr). 42 refs.

1963

SENSORY FEEDBACK ANALYSIS IN MEDICAL RESEARCH - 1. DELAYED SENSORY FEEDBACK IN BEHAVIOR AND NEURAL FUNCTION. 1:345
Smith, Karl U. (University of Wisconsin, Madison).
1963. Amer. J. Phys. Med. 42(6):228-262 (Dec). 65 refs.

1962

QUANTITATIVE PHONEMICS IN THE LAST DECADE. 1:346
Kramsky, Jiri (Podolf Podolska 86, Praha, Czechoslovakia).
1962. Phonetica 8:166-185. 31 refs.

1961

ADAPTATION: LOSS OR GAIN OF SENSORY INFORMATION?, chap. 18, pp. 319-338 in Sensory Communication, edited by Walter A. Rosenblith. 1:347
Keidel, Wolf D.; Keidel, Ursula O., and Wigand, Malte E. (Universitaet Erlangen, Germany).
1961. Cambridge, Mass., M.I.T. Press. 844p. (12 refs.).

CUTANEOUS CHANNELS OF COMMUNICATION, chap. 4, pp. 73-87, in Sensory Communication, edited by Walter A. Rosenblith. 1:348
Geldard, Frank A. (University of Virginia, Charlottesville).
1961. Cambridge, Mass., M.I.T. Press. 844p. (9 refs.).

NEUROGENIC FACTORS INFLUENCING THE EVOKED POTENTIALS OF THE CEREBRAL CORTEX, chap. 33, pp. 675-698 in Sensory Communication, edited by Walter A. Rosenblith. 1:349
Bremer, F. (Universite de Bruxelles, Belgium).
1961. Cambridge, Mass., M.I.T. Press. 844p. (88 refs.).

1:350 POSSIBLE PRINCIPLES UNDERLYING THE TRANSFORMATIONS OF SENSORY MESSAGES, chap. 13, pp. 217-234 in Sensory Communication, edited by Walter A. Rosenblith.
Barlow, H. B. (Physiological Laboratory, Cambridge University).
1961. Cambridge, Mass., M.I.T. Press. 844p. (18 refs.).

1:351 THE PSYCHOPHYSICS OF SENSORY FUNCTION, chap. 1, pp. 1-33 in Sensory Communication, edited by Walter A. Rosenblith.
Stevens, S. S. (Harvard University, Cambridge, Mass.).
1961. Cambridge, Mass., M.I.T. Press. 844p. (30 refs.).

1:352 ON PSYCHOPHYSIOLOGICAL MODELS, chap. 3, pp. 49-72 in Sensory Communication, edited by Walter A. Rosenblith.
Licklider, J.C.R. (Bolt, Beranek and Newman, Inc., Cambridge, Mass.).
1961. Cambridge, Mass., M.I.T. Press. 844p. (17 refs.).

1:353 THE ROLE OF NEURONAL NETWORKS IN SENSORY COMMUNICATIONS WITHIN THE BRAIN, chap. 30, pp. 585-606 in Sensory Communication, edited by Walter A. Rosenblith.
Fessard, A. (College de France, Paris).
1961. Cambridge, Mass., M.I.T. Press. 844p. (43 refs.).

1:354 SELECTED DEVELOPMENTS IN PSYCHOPHYSICS, WITH IMPLICATIONS FOR SENSORY ORGANIZATION, chap. 5, pp. 89-98 in Sensory Communication, edited by Walter A. Rosenblith.
Pollack, Irwin (Operational Applications Laboratory, Air Force Cambridge Research Center, Bedford, Mass.).
1961. Cambridge, Mass., M.I.T. Press. 844p. (22 refs.).

1:355 SOME ASPECTS OF PSYCHOPHYSICAL RESEARCH, chap. 2, pp. 35-47 in Sensory Communication, edited by Walter A. Rosenblith.
Ekman, Gosta (University of Stockholm, Sweden).
1961. Cambridge, Mass., M.I.T. Press. 844p. (18 refs.).

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REVIEW JOURNALS

No journal mainly concerned with literature or theoretical review within the area of hearing-language-speech science has been identified.--Ed.

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Includes signed review articles (1-2 pages), with biographical data on authors and reviewers; Briefly Noted (signed single-paragraph reviews); Instructional Media; On the Other Hand (letters); List of Books Received.
Annual author and reviewer index.
Abstracted or indexed by: dsh, LLBA.

2:2 NEUROSCIENCES RESEARCH PROGRAM BULLETIN

1963- About 6 Issues/Yr. Distributed primarily to libraries and qualified investigators; also to selected administrators, writers, and editors.
Neurosciences Research Program (NRP)*
280 Newton St., Brookline, Mass. 02146

Serial reports of the Work Sessions of the Neurosciences Research Program, an interdisciplinary and international center for the investigation of the physical basis of mental processes, including memory and learning. Each issue gives a distilled and integrated state-of-the art report on an important area of the neurosciences and indicates future directions of research.
In English.
Contains original summaries of research results and ideas from Work Sessions of 12 to 20 international leaders on various topics within the neurosciences. Each report has two parts: an evaluative summary-critical essay and a selective bibliography. Author participants have the services of NRP writer-editors.
Author and subject index beginning with September 1967 issue. Cumulative index of authors, titles, and participants in Vol. 3, No. 1, covering Vols. 1 and 2 (1963-1964). Anthologized in the Neurosciences Research Symposium Summaries, M.I.T. Press (SEE separate entry).
Abstracted or indexed: BPI.

*Sponsored by the Massachusetts Institute of Technology.

2:3 PHYSIOLOGICAL REVIEWS

1921- Quarterly $15.00/Yr.*
9650 Rockville Pike, Bethesda, Md. 20014

Review journal of fundamental physiological research. Several articles each year examine the state-of-the-art and the literature in areas of sensory and neurophysiology that are of direct or underlying concern to auditory and communicative processes. Publication of the American Physiological Society.
Articles in English.
Contains review articles such as "Electrical Potentials of the Cochlea" by Ernest Glen Wever (No. 1, Jan. 1966) (SEE separate entry) and "Neural Modeling" by L. D. Harmon and E. R. Lewis (No. 3, Jul. 1966).
Annual table of contents.
Abstracted or indexed by : dsh, IM, BA, BPI, LLBA, SCI.

*Reprints of articles are on sale in the Editorial Office for 2 years following date of publication. Single copies of reprints are supplied at the following prices: Articles not longer than 24 pages - $1.00; articles between 25 and 50 pages - $2.00; articles longer than 50 pages - $2.50.

PSYCHOLOGICAL BULLETIN 2:4

1904- Monthly $20.00/Yr. (2 Vols./Yr.)
American Psychological Association
1200 17th St., N.W., Washington, D.C. 20036

Professional psychology journal containing evaluative reviews of research literature and interpretative articles concerning research and statistical methodology. Many articles concern topics of methodological interest to hearing-language-speech; occasional articles review subject matter in this area. Publication of the American Psychological Association.
Articles in English.
Author index with each volume.
Abstracted or indexed by: dsh, IM, BA, BPI, LLBA, MR, PA, SA, SCI.

PSYCHOLOGICAL REVIEW 2:5

1894- Bimonthly $10.00/Yr.
American Psychological Association
1200 17th St., N.W., Washington, D.C. 20036

Journal of theoretical exposition and review, devoted to scientific articles of theoretical significance in all areas of psychology. (Excludes articles that are primarily original reports of research, surveys of the literature, methodological or statistical.) Includes some articles that treat the sensory, cognitive, or behavioral aspects of hearing-language-speech science or have significance for this area.
In English.
Contains articles. Of interest are "Perception of the Speech Code" by A.M. Liberman and others (Vol. 74, 1967); "Descriptive Behaviorism Versus Cognitive Theory in Verbal Operant Conditioning" by Charles D. Spielberger and L. Douglas DeNike (Vol. 73, 1966); and "Referential Processes of Speakers and Listeners" by Seymour Rosenberg and Bertram D. Cohen (Vol. 73, 1966).
Annual listing of contents, alphabetically by author.
Abstracted or indexed by: dsh, IM, BPI, LLBA, MR, PA, SCI.

2:6 REHABILITATION LITERATURE

1940- Monthly $4.50/Yr. $.50/Issue
National Easter Seal Society for Crippled Children and Adults
2023 West Ogden Ave., Chicago Ill. 60612

Professional journal which reports current knowledge and indexes current literature in all the disciplines concerned with care of the handicapped and their rehabilitation. Literature on rehabilitation of the handicapped includes articles on aphasia, deafness, laryngectomy, and speech correction. Publication of The National Easter Seal Society for Crippled Children and Adults.
Articles in English.
Includes Article of the Month; Review of the Month; Other Books Reviewed; Digests; Events and Comments; Capsule Research Review; News. Also, Abstracts of Current Literature (SEE separate entry).
Author index in each issue; annual cumulative author index published as part 2 of January issue for the following year.
Abstracted or indexed by: dsh, IM, MR, PA.

ANNUAL AND IRREGULAR REVIEW SERIALS

2:7 PROGRESS IN LEARNING DISABILITIES.

Myklebust, Helmer R., ed.
1968- New York, Grune and Stratton Vol. 1, $12.50.

Series designed to provide a current compilation of research findings as they relate to psychoneurological studies in childhood. Will be of interest to educators, psychologists, neurologists, psychiatrists, and others engaged with the child who has general ability and integrity but who does not learn and achieve in the normal manner. (Noted from publisher's announcement; not yet examined. Ed.)

2:8 YEAR BOOK OF THE EAR, NOSE, AND THROAT.

Lindsay, John R., ed.
1901- Annual Chicago, Year Book Medical Publishers $9.00.

Annual review presenting selected works pertinent to the study of the ear, nose, and throat. There is also a special section on maxillofacial surgery. Material is presented in a noncritical fashion with occasional critical comments by the editor. In selecting items for inclusion in the Year Book Series more then 175,000 articles are reviewed. Articles are arranged by subject headings as in a text. Subject and author indexes.

Cognate

(Child Development; Pediatrics)

ADVANCES IN CHILD DEVELOPMENT AND BEHAVIOR. 2:9
Lipsitt, Lewis P., and Spiker, Charles C., eds.
1963- Irregular New York, Academic Press. Price varies.*

Serial publication providing critical syntheses to be used as reference articles by teachers, researchers, and students in the field of child development and behavior. No attempt is made to organize each volume around a particular topic or theme. Manuscripts are solicited from investigators conducting programmatic research on problems of current interest. Of interest in the area of hearing-language-speech is article entitled "Evidence for a Hierarchical Arrangement of Learning Processes" (Vol. 2, 1965) which utilizes information on delayed auditory feedback. In book form, with author and subject indexes.

*Vol. 1, $12.50. Vol. 2, $8.50.

REVIEW OF CHILD DEVELOPMENT RESEARCH. 2:10
Hoffman, Martin L., and Hoffman, Lois Wladis, eds.
1964- Irregular New York, Russell Sage Foundation. $8.00/Vol.
Prepared under the auspices of the Society for Research in Child Development.

Series for interpretive and selective reviews of child development research, planned chiefly for practitioners in such areas as pediatrics, social work, clinical psychology, education, and child psychiatry. Two initial volumes (1964 and 1966) contain reviews of research that are centered on familiar problem areas and are intended to provide practitioners with larger perspectives within which to fit professional experience and make professional judgments. These volumes, taken together, are organized around general aspects of child development, with chapters on the child's social and psychological development, environmental influences, and constitutional factors; infancy and adolescence; deviancy; and testing. Future volumes are expected to deal with more specific problems. Of special interest in Volume 2 is "Language Development" by Susan Ervin-Tripp. Each volume has author and subject indexes.

YEAR BOOK OF PEDIATRICS. 2:11
Gellis, Sydney, S., ed.
1928- Annual Chicago, Year Book Medical Publishers. $9.00.

Annual review presenting selected works pertinent to pediatrics. Includes sections on otolaryngology; dentistry; neurology and psychiatry. Material is presented in a noncritical fashion usually followed with critical comments by the editor. Items are arranged by subject headings as in a text. Subject and author indexes.

(Gerontology)

2:12 ADVANCES IN GERONTOLOGICAL RESEARCH.
Strehler, Bernard L., ed.
1964- Irregular New York, Academic Press. Vol. 1., $13.50.

Series providing comprehensive and critical summaries of biological and medical research in which recent advances significant to the field of gerontology have been made. Articles presented vary from the fundamental considerations of the genetic basis of aging to the immunological, histological, ultrastructural, and physiological reflections of the basic processes. Contributors come from the United States, U.S.S.R., and other European countries. There are approximately 10 articles per volume. In book form, with author and subject indexes.

(Neurosciences)

2:13 NEUROSCIENCES RESEARCH SYMPOSIUM SUMMARIES.
Schmitt, Francis O.; Melnechuk, Theodore, and others, eds.
1966- Irregular Cambridge, Mass., M.I.T. Press. Price varies.*

Anthologies of the Work Session Reports from the Neurosciences Research Program Bulletin. Volume 1 contains 9 reports of work sessions held in the years 1963-1964. Volume 2 contains reports of 6 sessions held in the years 1966-1967. (SEE ALSO Neurosciences Research Program Bulletin.)

*Vol. 1, 1966, $7.50. Vol. 2, 1967, $12.00.

(Oral Biology; Dentistry)

2:14 ADVANCES IN ORAL BIOLOGY.
Staple, Peter H., ed.
1964- Irregular New York, Academic Press. Price varies.*

Series to provide critical surveys of the state of knowledge in selected areas of biology that bear upon growth, development, and maintenance of normal function of oral tissues, together with departures from normal. Articles are selected to demonstrate the improvement of dental health through a consideration of dental disorders within the wider field of oral biology. There are between 6 and 12 articles per volume. Author and subject indexes.

*Vol. 1, 1964, $14.00. Vol. 2, 1966, $12.00.

YEAR BOOK OF DENTISTRY. 2:15
Tylman, Stanley D., et al., eds.
1942/1943- Annual Chicago, Year Book Medical Publishers $8.00.

Annual review of selected works pertinent to the study of dentistry. The aim of this publication is to tell the reader about the latest in each of the major fields of dentistry as well as to provide a practice manual for the evaluation and application of the most up-to-date knowledge in the field. Entries are noncritical with occasional critical comments being made by the editorial board. More than 175,000 articles are reviewed in selecting those for inclusion in the Year Book Series. Subject and author indexes with each volume. There are 18 other Year Books in various fields, of medicine (SEE separate entry on Year Book of the Ear, Nose and Throat).

(Neurology, Neurosurgery, and Psychiatry)

PROGRESS IN BRAIN RESEARCH 2:16
Under varying editorship.
1963- New York, Elsevier Publishing Company. Price varies.

Series of volumes, each on a single theme or a specialized area in the study of brain and nervous system. The typical volume contains review-type articles in English, international in scope, by a dozen outstanding investigators who are recognized as having made a major contribution to the area. Many articles are enlarged lectures from the workshops and symposia of international meetings. A few volumes represent the research of a particular laboratory or country while others are monographs by noted individuals. The number of volumes appearing within a year has varied from 2 to 9. Thematic volume titles with significance for the area of hearing-language-speech include Brain Mechanisms: Specific and Unspecific Mechanisms of Sensory Motor Integration (Vol. 1); Degeneration Patterns in the Nervous System (Vol. 14); Cybernetics of the Nervous System (Vol. 17); Sensory Mechanisms (Vol. 23). Each volume has author and subject indexes and is abundantly illustrated.

2:17 PROGRESS IN NEUROLOGY AND PSYCHIATRY
Spiegel, E. A., ed.
1946- Annual New York, Grune and Stratton. Price varies.

Comprehensive survey and review in four areas: Basic Sciences, Neurology, Neurosurgery, and Psychiatry. Topic coverage is basically the same each year with the minor variation that some topics are reported biennially. Over 5200 papers, about one third dealing with the basic sciences, are given critical or noncritical mention in Vol. 22 (1967). Headings of 35 subareas, manned by 65 specialists, include the following (those in capitals may have greater relevance for hearing-language-speech): Neuroanatomy. General neurophysiology. REGIONAL PHYSIOLOGY OF THE CENTRAL NERVOUS SYSTEM. Clinical neurology. OTONEUROLOGY. PEDIATRIC NEUROLOGY. ELECTROENCEPHALOGRAPHY. Radiology of the skull and central nervous system. Cerebral trauma and traumatic infections of the central nervous system. PSYCHOLOGICAL ASSESSMENT METHODS. REHABILITATION.

2:18 YEAR BOOK OF NEUROLOGY, PSYCHIATRY, AND NEUROSURGERY.
Mackay, Roland P. (ed., Neurology); Wortis, Sam Bernard (ed., Psychiatry), and Sugar, Oscar (ed., Neurosurgery).
1948- Annual Chicago, Year Book Medical Publishers. $11.00?

Annual review presenting selected works pertinent to the study of neurology, psychiatry, and neurosurgery. Each section is introduced by editorial comment on trends within the area, on articles of special interest, or on the year's selection of articles. Material is presented mainly in noncritical fashion, but frequently with interpretive or critical comment by the editor appended. Review items are arranged by subject headings as in a text. Index terms relevant to hearing-language-speech include acoustic neurinomas, aphasia, attention, cerebellopontine angle lesions, reading and writing difficulties, and speech disorders. Subject and author indexes.

(Physiology)

ANNUAL REVIEW OF PHYSIOLOGY. 2:19
Hall, Victor E., ed.; Giese, Arthur C., and Sonnenschein, Ralph R., assoc. eds.
1939- Annual Palo Alto, Calif., Annual Reviews. $8.50.

Series of yearly volumes that survey and review the literature of selected topics in physiology. Investigators who review emphasize their own special areas of interest. Therefore, in order to obtain uniform coverage, topics are divided and their publication staggered. Thus reviews do not usually cover the literature of a calendar year but of a longer and variable period. Reviews on 'Hearing' from the viewpoint of different authors have appeared every 3 years (Vol. 23, 1961, by Merle Lawrence; Vol. 26, 1964, by J. E. Hawkins, Jr.; Vol. 29, 1967, by J. Schwartzkopff - SEE separate entries). Other topics have included: Navigation by Animals (Vol. 26); Central Nervous System: Afferent Mechanisms and Perception (Vol. 29); Nervous System: Afferent Mechanisms (Vol. 30). Author and subject indexes with each volume. Cumulative indexes of authors and titles (Vols. 26-30) in Volume 30, 1968. These cumulative indexes cover 5 years and appear in each volume.

Reprints of articles published in 1968 are available at $0.95 each from Annual Reviews, Inc., 4139 El Camino Way, Palo Alto, Calif. 94306. Descriptive brochure with author and subject listings is free.

PROGRESS IN PHYSIOLOGICAL PSYCHOLOGY. 2:20
Stellar, Eliot, and Sprague, James M., eds.
1966- Annual? New York, Academic Press. $9.50, Vol.1.

Serial publication in physiological psychology intended to serve as "continuing handbook" in this field. It presents critical and speculative evaluations of concepts in physiological psychology, new investigations published for the first time, and brief authoritative accounts of the current state of special fields. An average of 6 to 8 articles per year are presented in book form and with author and subject indexes. Articles of special interest to the field of hearing-language-speech in the first volume to appear are "Attention and Auditory Electrophysiology," by F. G. Worden, and "Neurophysiological Correlates of Information Transaction and Storage in Brain Tissue," by W. R. Adey.

(Psychology)

2:21 ADVANCES IN THE STUDY OF BEHAVIOR.
Lehrman, Daniel S.; Hinde, Robert A., and Shaw, Evelyn, eds.
1965- Annual New York, Academic Press. Vol. 1, $9.50.

Series of critical reviews oriented toward the facilitation of current and future progress in all aspects of behavior. Includes intensive factual reviews of recent work, reformulations of persistent problems, and historical and theoretical essays. Two articles in areas relevant to hearing-language-speech are "Aspects of Stimulation and Organization in Approach/Withdrawal Processes Underlying Vertebrate Behavioral Development" and "Physiological and Psychological Aspects of Selective Perception" (both in Vol. 1, 1965). In book form, with subject and author indexes.

2:22 ANNUAL REVIEW OF PSYCHOLOGY.
Farnsworth, Paul R.; Rosenzweig, Mark R., and Polefka, Judith T., eds.*
1950- Annual Palo Alto, Calif., Annual Reviews. $8.50.

Series of yearly volumes with articles that survey and review the literature of psychology by topical areas. Reviews as a rule do not center on the papers published in a single year but comment over a variable period with emphasis on recency. Of particular interest to hearing-language-speech, the literature of 'Audition' has been treated annually. Other topics have included: Brain Functions (Vols. 17, 19); Cognitive Functions (Vol. 17); Developmental Psychology (Vols. 15-19); Learning of Psychomotor Skills (Vol. 19); Operant Conditioning and Verbal Learning (Vol. 16); Perception (Vols. 15, 17, 18); Perceptual Learning (Vol. 17); Psycholinguistics (Vol. 17); Verbal Learning and Memory (Vol. 19) Author and subject indexes with each volume. Cumulative indexes of contributing authors and chapter titles (Vols. 15-19) in Volume 19, 1968. These cumulative indexes cover 5 years and appear in each volume.

*Editors of the 1968 volume.
Reprints of articles published since 1961 are available at $0.95 each from the Annual Reviews, Inc., 4139 El Camino Way, Palo Alto, Calif. 94306. Descriptive brochure with author and subject listings is free.

MENTAL MEASUREMENTS YEARBOOK. 2:23
Buros, Oscar K., ed.
1938- Highland Park, N.J., Gryphon Press.

Mainly a classified listing of all commercially available tests published as separates in English speaking countries, with critical reviews and with references to publications that discuss the construction, validity, use, and limitations of each test. Each edition supplements earlier editions and is designed to assist test users in education, industry, psychiatry, and psychology to locate, choose and use tests with greater ease and discrimination. Listed separately are books on measurements with excerpts of reviews. There are 5 indexes: classified index to tests in print; index to periodical review sources: index to publishers of tests and books; index to titles of tests and books in print in mid-1964; and index to names of reviewers, authors, and others. The 6th edition has listings for 1,219 tests, 795 critical test reviews by 396 reviewers, 97 excerpts from reviews of tests which first appeared in 30 journals, and 8,001 references for specific tests. In the tests and reviews are sections on speech (11 tests), reading (87 tests), listening comprehension (2 tests), and hearing (16 tests). A companion volume is TESTS IN PRINT, edited by O.K. Buros (Gryphon Press, 1961, $7.00), which presents information on 2,171 tests and to which the Yearbook refers the reader for further information on many tests.

Ed. 1-2, out-of-print; ed. 3, 1949, $18.00; ed. 4, 1953, $20.00; ed. 5, 1959, $22.50; ed. 6, 1965, $32.50.

PROGRESS IN CLINICAL PSYCHOLOGY. 2:24
Abt, Lawrence, E., and Riess, Bernard F., eds.
1952- Biennial New York, Grune and Stratton. Price varies.

Biennial volumes with an eclectic approach to clinical psychology. Each volume carries 15-20 review presentations of various aspects of psychodiagnosis and psychotherapy, including reports on developments abroad. Beginning with Vol. 8 (1968) each book will address itself to a particular topical area. There is a subject index with each volume. Volume 6 (1964) has a table of contents for Vols. 1-5. As well as informing generally on areas of clinical psychology, the series has in the past treated speech and reading disabilities (Vol. 2, 1956) and the physically handicapped (Vol. 5, 1963).

STATUS REPORTS OF LABORATORIES

2:25 DEVELOPMENT OF LANGUAGE FUNCTIONS, A RESEARCH PROGRAM-PROJECT. Annual Report.
Center for Human Growth and Development, University of Michigan, Ann Arbor.
Language Development Program.
1967- Annual

Annual report of the Language Development Program, with short summaries of research in progress in 14 subareas having to do with speech production, speech perception, and the development of language of functions in infants and children. Also includes list of Program participants, including staff members and graduate students; bibliography of 76 publications, listed by author and including the numbered Technical Reports of the Language Development Program as well as publications in the open literature.

For further information, write to Dr. Klaus F. Riegel, Director, Language Development Program, 330 Nickels Arcade, Ann Arbor, Mich. 48108.

2:26 SPEECH RESEARCH: A REPORT ON THE STATUS AND PROGRESS OF STUDIES ON THE NATURE OF SPEECH, INSTRUMENTATION FOR ITS INVESTIGATORS, AND PRACTICAL APPLICATION.
Haskins Laboratory, New York, N.Y.
1965- Quarterly

Series of status reports on speech research conducted by the Haskins Laboratory. Contains extended reports and manuscripts, interim reports, abstracts, and list of publications, manuscripts, papers, and talks. Not all work in progress during the quarter is described, but only that which has reached a certain stage of completion such as descriptions of experiments which have yielded sufficient data to be of interest, but which require further work before being published as entire studies. Extended reports and manuscripts are papers written especially for the Reports. Interim reports consist of work not yet ready for detailed description. Averages 5-6 articles per issue. Exemplary of the titles of articles carried are "An Electromyographic Study of Articulatory Dynamics in Hearing-Impaired and Normal Speakers" and "A Study of Voicing in the Stops Found in the Pre-Linguistic Babblings of Infants " (July-Dec. 1966).

Inquire availability from Haskins Laboratory, 305 East 43rd St., New York, N.Y. 10017.

WORKING PAPERS IN PHONETICS. 2:27
University of California, Los Angeles. Phonetics Laboratory.
1964- Irregular

Series of working papers in phonetics intended as a record for the UCLA Phonetics Group, a report as required by funding agencies and a preliminary account of work in progress. Papers which have been submitted or accepted for publication are not reproduced in this series, except as abstracts. Includes summaries of books, papers, and theses published as well as papers presented at meetings. Some articles of relevance to hearing-language-speech include "Some Phonetic Specifications of Linguistic Units: An Electromyographic Investigation" by Victoria A. Fromkin (No. 3, 1965 - complete issue); "Larynx Vs Lungs: Cricothyrometer Data Refuting Some Recent Claims Concerning Intonation and 'Archetypality'" by Ralph Vanderslice; "Use of Hooked-Wire Electrodes for Electromyography of the Intrinsic Laryngeal Muscles" by Minoru Hirano and John Ohala; "The LINC-8 Computer in Speech Research" by Richard Harshman and Peter Ladefoged (No. 7, 1967).* Table of contents with each issue. No cumulative index.

*Available from Textbook Department, Student Store, UCLA, Los Angeles, California 90024 for $2.50.

Cognate

ANNUAL REPORT. 2:28
Harvard University, Cambridge, Mass. The Center for Cognitive Studies.
1961- Annual

Report of research in progress in areas of perception, memory, psycholinguistics, and cognitive development. Introduction containing comment on accomplishments, directions, staffing, and financing is written by the Director of the Center, Jerome S. Bruner. Also includes reports on other activities such as teaching, public service and honors, seminars. Lists the personnel of the Center and their publications.

Inquire availability from The Center for Cognitive Studies, Center for the Behavioral Sciences, William James Hall, Cambridge, Mass.

2:29 QUARTERLY PROGRESS REPORT.
Massachusetts Institute of Technology, Cambridge, Mass. Research Laboratory of Electronics.
Zimmermann, H. J., and Harvey, G. G., eds.
1946- Quarterly

Review of research in progress at the Research Laboratory of Electronics, issued in numbered reports covering 3-month periods. The section with particular relevance for hearing-language-speech is Communication Sciences and Engineering with research groups in the following areas: speech communication; communications biophysics - including psychoacoustics; cognitive information processing; statistical communication theory; processing and transmission of information; neurophysiology; and linguistics. There is also a section entitled Publications and Reports which consists of references to meeting papers presented, journal papers and letters to the editor accepted for publication, technical reports published, and special publications. In the January issue each year, the report of each research group is prefaced with a statement of its objectives. Author index with each issue.

STATISTICAL SURVEY SERIES

Cognate

2:30 VITAL AND HEALTH STATISTICS: DATA EVALUATION AND METHODS RESEARCH.
Public Health Service, Washington, D. C. National Center for Health Statistics.
1963- Irregular PHS No. 1000-Series 2. Price varies.*

Studies of new statistical methodology, including experimental tests of survey methods, studies of vital statistics collection methods, new analytical techniques, objective evaluations of reliability of collected data, and contributions to statistical theory. Reports particularly relevant to hearing-language-speech: No. 12, Methodological Aspects of a Hearing Ability Interview Survey, describes the development and use of a series of questions asked of household respondents to serve as a functional scale of hearing loss, a project participated in by Gallaudet College; No. 15, Evaluation of Psychological Measures Used in the Health Examination Survey of Children Ages 6-11, is a critical review of literature pertaining to the psychological measure used in studies resulting in the Series-11 reports, with recommendations concerning validity, reliability, and application to the survey data.

*For sale by The Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. Single copies are free from the Public Inquiries Branch, Public Health Service, Rm. 5312, South Bldg., 330 C St., S.W., Washington, D.C. 20201.

VITAL AND HEALTH STATISTICS: DATA FROM THE NATIONAL HEALTH SURVEY. 2:31
Public Health Service, Washington, D.C. National Center for Health Statistics.
1963- Irregular PHS No. 1000 - Series 10 Price varies.*
1964- Irregular PHS No. 1000 - Series 11 Price varies.*

Recent data from the National Health Survey includes the following two series: Series 10 is based on data collected in a continuing national household interview survey, called the Health Interview Survey, and consists of statistics on illness, accidental injuries, disability, use of hospital, medical, dental, and other services, and other health-related topics. Series 11 is based on the direct examination, testing, and measurement of national samples of the population, called the Health Examination Survey, and includes statistics on the prevalence of specific diseases and distributions of the population with respect to various physical and physiological measurement. Reports within these series particularly relevant to hearing-language-speech: No. 35, Characteristics of Persons with Impaired Hearing (United States, July 1962 - June 1963) consists of demographic and other characteristics of persons with a binaural hearing impairment, classified according to amount of hearing loss; No. 11, Hearing Levels of Adults by Age and Sex (United States, 1960 - 1962) contains distributions of hearing levels at frequencies of 500, 1000, 2000, 3000, 4000, and 6000 cycles per second, for the right ear, left ear, and better ear; No. 26, Hearing Levels of Adults by Race, Region, and Area of Residence (United States, 1960-1962) contains distributions of hearing thresholds for the better ear in excess of 15 decibels and -5 decibels or more below audiometric zero as determined by pure-tone air-conduction audiometric tests at frequencies of 500, 1000, 2000, 3000, 4000, and 6000 cycles per second.

*For sale by the Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. For a list of titles published in these series and others write to: Office of Information, National Center for Health Statistics, Public Health Service, Washington, D.C. 20201. Single copies are free from the Public Inquiries Branch, Public Health Service, Rm. 5312, South Bldg., 330 C St., S.W., Washington, D.C. 20201.

TRANSLATION SERIALS

2:32 TRANSLATIONS OF THE BELTONE INSTITUTE FOR HEARING RESEARCH.
Tonndorf, Juergen, ed.
1955- Irregular Free*

Series of translations, with illustrations, of articles and occasional monographs in hearing research for those who are not rapid readers of foreign languages. The series has included translations from French, Spanish, German, Russian, and Italian. Recent titles are as follows:

No. 20 The Morphology and Function of Auditory Input Control, by G. Filogamo, L. Candiollo, and G. Rossi, 1965 (Italian).
No. 19 Masking in Audiometry: An Improved Method, by Josef Wislocki, 1951 (German).
No. 18 Experiments on Binaural Hearing in Noise, The Central Nervous Processing of Acoustic Information, by Harald Feldman, 1963 (German).
No. 17 Accelerated Speech Audiometry, An Examination of Test Results, by J.B. de Quiros, 1961 (Spanish).
No. 16 New Aspects in the Biology and Pathology of the Inner Ear, by K.H. Vosteen, 1961 (German).

*Mailing list is prepared from current roster of the American Speech and Hearing Association, the American Otological Society, and other interested groups. Upon request a copy will be sent free to any interested individual. Write to Circulation Manager, Translations of the Beltone Institute for Hearing Research, 4201 West Victoria St., Chicago, Ill. 60646.

Cognate

2:33 NEUROSCIENCE TRANSLATIONS.
Published by the Federation of American Societies for Experimental Biology for the National Institute of Mental Health.
Zwemer, Raymund L., exec. ed.
1967- Quarterly

Journal of translated articles from all areas of brain research on the nervous system. Material is translated primarily from current Russian literature and averages approximately 16 articles per issue. Four issues will appear in fiscal year 1967-1968, and reader response will be major determinant in continued sponsorship and financial support of the journal.

Subscription is free for the first year. Address queries to Neuroscience Translations, 9650 Rockville Pike, Bethesda, Md. 20014.

PUBLISHERS' SERIES

FOUNDATION OF SPEECH PATHOLOGY SERIES. 2:34
Van Riper, Charles, ed.
1964- Englewood Cliffs, New Jersey, Prentice-Hall. Price varies.

Series designed to serve as nucleus of a professional library, both for students of speech pathology and audiology and for the practicing clinician. Individual texts within the series are written by authors with recognized authority in the field. Each text contains approximately 5-10 chapters, a bibliography, and an author and subject index. Titles in the series include: Speech Correction in the Schools, by Martha Black; Aphasia, by Mckenzie Buck; Disorders of Articulation, by James A. Carrell; Foreign Accent, by Fred M. Chreist; Diagnosis and Appraisal of Communication Disorders, by Frederic L. Darley; The Deaf, by Louis M. DiCarlo; Cerebral Palsy, by Eugene T. McDonald and Burton Chance; Organic Voice Disorders, by G. Paul Moore; Functional Voice Disorders, by Albert Murphy; The Hard of Hearing, by John T. O'Neill; Introduction to Stuttering, by Frank B. Robinson; Cluttering, by Deso A. Weiss; Cleft Palate, by Harold Westlake and David Rutherford; and Delayed Speech and Language Development, by Nancy E. Wood.

Cognate

SYRACUSE UNIVERSITY SPECIAL EDUCATION AND REHABILITATION MONOGRAPH SERIES. 2:35
Cruickshank, William M., ed.
1955- Irregular Syracuse, New York, Syracuse University Press Price varies.

Series of books and monographs on special education and rehabilitation, including the following numbered titles:

1. Speech After Laryngectomy, $4.00.
2. Perception and Cerebral Palsy: Studies in Figure-Background Relationship, new ed., $6.00.
3. Attitude of Educators Toward Exceptional Children, $5.00.
4. Services to Blind Children in New York State, $5.00.
5. Learning Performance of Retarded and Normal Children, $5.00.
6. A Teaching Method for Brain-Injured and Hyperactive Children, $7.95.
7. The Teacher of Brain-Injured Children, a Discussion of the Bases for Competency, $5.00.

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INTRODUCTION

PRIMARY JOURNALS

In the section on Primary Journals are journals whose main intent is the reporting of new researches or other new information. The term "journal" is applied loosely since the list includes, in addition to the typical periodical of a professional society or privately incorporated interest, serial volumes or monographs which similarly report primary information but are of irregular appearance.

ARRANGEMENT is in two principle lists: core journals with interests focused mainly within the area of hearing-language-speech science and cognate areas carrying articles relevant to this area but with interests focused in related areas. Because of the biomedical orientation of this Information Center, all journals with a significant portion devoted to otolaryngology have been labeled core.

SUBJECT HEADINGS within these lists are "natural" in that no special effort was made to force a grouping other than to avoid placing one journal under more than one heading.

HOW TO USE

Information in a standard format is offered for each journal:

1. To find journals within subject areas, use the contents listing of this section.

2. To find information on a journal of known title, use the general Index to Titles at the end of the volume.

REVIEW BY EDITORS. All entries except a few recently acquired were mailed to their respective editors for review and correction. Titles of journals not receiving the benefit of such review or for which a reply was not available by press time are followed by a black circle o .

ACQUISITION INFORMATION follows the journal title. Subscription prices are those forecast by editors or were taken from recent issues. The subscription price given is that for institutions if not otherwise noted. Frequently a journal is free to members of the publishing society or available at reduced rates to students or to individuals. Consult a recent issue of the journal for this information.

ABSTRACTING AND INDEXING COVERAGE was largely derived by checking for the names of journals on the lists usually published by abstracting or indexing services stating the journals that they cover. Only likely services were checked for each journal.

Abbreviations used are in the following table:

BA	Biological Abstracts
BPI	Behavior and Physiology Index
CA	Chemical Abstracts
CD	Child Development Abstracts and Bibliography
DA	Dental Abstracts
dsh	dsh Abstracts
EdI	Education Index
EngrI	Engineering Index
ExM	Excerpta Medica
HLI	Hospital Literature Index
IM	Index Medicus
LingB	Linguistic Bibliography
LLBA	Language and Language Behavior Abstracts
MR	Mental Retardation Abstracts
OR	Oral Research Abstracts
PA	Psychological Abstracts
PhysicsA	Physics Abstracts
SA	Sociological Abstracts
SCI	Science Citation Index

SOURCES

A list of about 400 journals, containing titles from a list devised during the feasibility project of the Information Center and titles from the first thousand documents entered in the Information Center retrieval system, was used as the basis for a survey of journals in the hearing-language-speech field. This survey commenced in the Welch Medical Library and the National Library of Medicine and extended to other area libraries. Standard lists of periodicals were consulted, and additional titles added through diverse encounter in Information Center activities. The present list of English-language journals derives from a consideration of about 600 titles. Recent volumes and issues of all the journals listed have been examined, except where otherwise noted.

CORE

Communicative Disorders - General or Multi-Area

ASHA MONOGRAPHS • 3:1

1950- Irregular (about one each year; none recently)
American Speech and Hearing Association
9030 Old Georgetown Rd., Washington, D.C. 20014

Monograph series of the American Speech and Hearing Association; from 1950-1963, supplement to the Journal of Speech and Hearing Disorders.
In English.
Contains a variety of works on speech and hearing disorders such as The Effects of Noise on Man; A Guide to Audio-Visual Materials on Speech and Hearing Disorders; Selected Bibliography on the Effects of High-Intensity Noise on Man; The Disorders of Articulation: A Systematic Clinical and Experimental Approach; Research Needs in Speech Pathology and Audiology.
Abstracted or indexed by: dsh, IM.

ASHA REPORTS • 3:2

1965- Irregular Price Varies
Dr. Kenneth O. Johnson
Business Manager of Publications
American Speech and Hearing Association
9030 Old Georgetown Rd., Washington, D.C. 20014

Publication containing diversified material relevant to the field of hearing-language-speech. Publication of the American Speech and Hearing Association.
In English.
Contains original articles. The first issue, Proceedings of the Conference: Communicative Problems in Cleft Palate, July 1963, publishes 12 papers from an ASHA conference supported by the National Institute of Dental Research (ASHA Reports No. 1, $2.00).
Table of contents with each issue.
Abstracted or indexed by: dsh.

3:3 BRITISH JOURNAL OF DISORDERS OF COMMUNICATION
Incorporating Speech Pathology and Therapy

1966- 2 times/Yr. $4.00/Yr.
E. and S. Livingstone Ltd.
15-17 Teviot Place, Edinburgh 1, Scotland

Research journal covering clinical investigations, therapy, and social aspects of disorders of communication. Includes articles from areas such as audiology, neuroanatomy, physiology, linguistics, and phonetics as they concern disorders in the receptive and expressive processes of language. Journal of the College of Speech Therapists.
Articles in English.
Includes original articles; editorials; signed book reviews; news; obits.
Table of contents with each issue.
Abstracted or indexed by: dsh, LLBA.

3:4 CURRENT PROBLEMS IN PHONIATRICS AND LOGOPEDICS
Supplement to Folia Phoniatrica

1960- Irregular Price varies
S. Karger
Arnold-Boecklin-Strasse 25, 4000 Basel 11, Switzerland

Research journal of phoniatrics and logopedics and their related subjects in physiology, physics, and psychology. Carries more extensive contributions than are published in Folia Phoniatrica.
Articles in German, English, or French; summaries in English, German, and French.
Contains original articles.
Indexes vary with the supplement.
Abstracted or indexed by: dsh, IM, LLBA.

3:5 FOLIA PHONIATRICA

1947- Bimonthly $15.50/Yr.
Publisher: S. Karger
Arnold-Boecklin-Strasse 25, 4000 Basel 11, Switzerland
Agent U.S.A.: Albert J. Phiebig
P.O. Box 352, White Plains, N.Y. 10602

Research journal of phoniatrics. Official organ of the International Association of Logopedics and Phoniatrics and of the New York Society for Speech and Voice Therapy.
Articles in English, German, or French; summaries in English, German, and French.
Includes original articles; book reviews (in German); meeting reports and announcements; news; obits. Has supplement, Current Problems in Phoniatrics and Logopedics (SEE under separate entry).
Annual index to authors and departments.
Abstracted or indexed by: dsh, IM, LLBA.

JOURNAL OF COMMUNICATION DISORDERS 3:6

1967- Quarterly $15.00/Yr.
North Holland Publishing Company
P. W. Box 103
Amsterdam, Netherlands

Research journal covering the various disorders of communication, broadly defined to include: normal communicative processes related to the disorders of communication; anatomic, physiologic, psychopathologic, psychodynamic, diagnostic, and therapeutic aspects of communication disorders.
Articles in English; summaries in English, French, and German.
Includes original articles and book reviews. It is the policy of the Journal to devote special attention to publications which in the opinion of the editors are of fundamental importance in the field of communication disorders. For these books three reviews are written. The author of the reviewed work is given the opportunity to respond at a later time.
Annual index.
Abstracted or indexed by: dsh, LLBA, PA.

JOURNAL OF SPEECH AND HEARING DISORDERS 3:7

1936- Quarterly $10.00/Yr.
Dr. Kenneth O. Johnson, Business Manager
Journal of Speech and Hearing Disorders
9030 Old Georgetown Rd., Washington, D.C. 20014

Professional journal covering clinical research, case studies, counseling, evaluation and remedial procedures, and related matters in the field of speech pathology and audiology. Articles of opinion and critical articles of a scholarly nature are also encouraged. Publication of American Speech and Hearing Association.
Articles in English.
Includes original articles; book reviews; letters.
Annual author and subject indexes.
Abstracted or indexed by: dsh, IM, BA, CD, DA, EdI, ExM, LLBA, MR, PA.

JOURNAL OF SPEECH AND HEARING RESEARCH 3:8

1958- Quarterly $10.00/Yr.
Dr. Kenneth O. Johnson, Business Manager
Journal of Speech and Hearing Research
9030 Old Georgetown Rd., Washington, D.C. 20014

Professional journal for theoretical issues and research in the communications sciences. Publication of the American Speech and Hearing Association.
Articles in English.
Includes original articles and reports; letters.
Annual author, subject, and title indexes.
Abstracted or indexed by: dsh, IM, BA, CD, DA, ExM, LLBA, MR, PA, SCI.

Communicative Disorders - Professional Reports and News

3:9 ASHA, A JOURNAL OF THE AMERICAN SPEECH AND HEARING ASSOCIATION ●

1959- Monthly $10.00/Yr.
9030 Old Georgetown Rd., Washington, D.C. 20014

House organ of the American Speech and Hearing Association, carrying professional articles and news for persons in speech pathology, audiology, and related areas of human communication.
Articles in English.
Contains original articles and special reports; 9030 - national news; reports of Association Committees; State Associations; Clinical and Educational Materials, with reports on new publications, tests, and audiovisual aids; Calendar of Professional Events; News and Announcements, of organizations, institutions, necrology, and persons; Forum letters. Carries announcements and abstracts of the annual convention of the Association.
Annual article, report, and convention indexes.
Abstracted or indexed by: dsh, IM, BA, DA, ExM, LLBA, OR.

3:10 HEARING AND SPEECH NEWS ●

1966- Bimonthly $5.00/Yr.
National Association of Hearing and Speech Agencies
919 18th St., N.W., Washington, D.C. 20006

News journal of planning, programming, and services for the deaf. Official organ of the National Association of Hearing and Speech Agencies.
Articles in English.
Includes original articles; book reviews; letters; news; meeting announcements and reports. Also, a Classified Directory to agencies, clinics, and programs of interest to professionals.
Abstracted or indexed by: dsh.

3:11 WASHINGTON SOUNDS ●

1966- Monthly $15.00/Yr.*
National Association of Hearing and Speech Agencies
919 18th St., N.W., Washington, D.C. 20006

Report on U.S. governmental and other events of nationwide importance in human communication. Newsletter of the National Association of Hearing and Speech Agencies.
Contains news. Special numbers in 1967 described major changes in HEW structure and programs (Vol. 1, No. 13) and offered advice in finance and fund-raising (Vol. 1, No. 15).
Abstracted or indexed by: Undetermined.

*Free to representatives of member organizations, professional members, commercial members, and government organizations.

Audiology

INTERNATIONAL AUDIOLOGY 3:12

1962- Quarterly $17.00/Yr.
H.A.E. van Dishoeck
Houtlaan 5
Leiden, Holland

Research journal of audiology. Official publication of the International Society of Audiology.
Articles in English or French; summaries in French or English.
Includes original articles; book reviews; and meeting reports. Carries papers of the Ordinary and Extraordinary Congresses of the Society and of national audiologic societies. Has irregular supplements.
Annual table of contents.
Abstracted or indexed by: dsh, ExM.

JOURNAL OF AUDITORY RESEARCH 3:13

1960- Quarterly $8.00/Yr.
C. W. Shilling Auditory Research Center
348 Long Hill Rd., Groton, Conn. 06340

Research journal for otology, audiology, musicology, psychoacoustics, speech and communications, neurophysiology of audition, instrumentation for hearing research, and auditory aspects of human engineering. Publication of The C.W. Shilling Auditory Research Center.
Articles in English.
Contains original articles.
No index.
Abstracted or indexed by: dsh, LLBA, PA.

SOUND ● 3:14

1967- Quarterly 10s./Yr.
The Royal National Institute of the Deaf
105 Gower St., London, W.C. 1, England

Research journal devoted to audiology, with contributions strictly confined to its technical and scientific aspects. Carries articles on the design and use of instruments to help the partially deaf in the reception of sound and to convey to the totally deaf some of the information normally carried by sound. Publication of the Royal National Institute of the Deaf.
Articles in English.
Includes original articles; R.N.I.D. Test Reports on hearing aids, audiometers, and other apparatus; editorials; meeting announcements and reports; news; letters to the editor. Also, R.N.I.D. List of Selected Papers on Audiology and Allied Subjects (SEE separate entry).
Table of contents with each issue.
Abstracted or indexed by: Undetermined.

Audiology - Hearing Aids

3:15 AUDECIBEL

1952- Quarterly Free to professionals
24261 Grand River Ave., Detroit, Mich. 48219

Official journal of the National Hearing Aid Society. (International organization of Hearing Aid Dealers and Consultants).
Articles in English.
Includes original and reprinted articles, papers and data concerned with research, techniques, education, and new developments in the field of treating and assisting the hard of hearing; book reviews; meeting announcements; news. Carries Annual Directory of Certified Hearing Aid Audiologists and State Association Chapter Rosters.
Annual title index.
Abstracted or indexed by: dsh.

3:16 HEARING DEALER

1951- Monthly $5.00/Yr.
Ojibway Press
Ojibway Bldg., Duluth, Minn. 55802

Trade journal for dealers of hearing equipment.
Articles in English.
Includes original and reprinted articles; meeting announcements; news; letters. Carries newsletter of the National Hearing Aid Society in the back of each issue and monthly newsletter of the Hearing Aid Industry Conference--"HAIC Intercom." Also, annual Directory of the Hearing Aid Industry and Directory of Earmold Manufacturers (SEE under separate entries).
Abstracted or indexed by: dsh.

3:17 NATIONAL HEARING AID JOURNAL

1947- Monthly $3.00/Yr.
305 Benson Building, Sioux City, Iowa 51101

Independent professional and trade journal of the hearing aid industry and the hearing community.
Articles in English.
Includes articles; Official National Hearing Aid Society News; Official Hearing Aid Industry Conference News; news of other associations; meeting announcements; Office of the Month; letters; lists and reviews of books and publishers; news from the manufacturers; obits; abstracts. Special Topic-of-the Month is a four-to-six part section in which professional and industry contributors explore otologic, audiologic, audiometric, and engineering subjects and their interrelationships. Carries annual World Buyers Guide and Directory for the Hearing Aid Industry (SEE separate entry).
Annual author and subject index for preceding year appears in the January issue.
Abstracted or indexed by: dsh.

Phonetics

BIBLIOTHECA PHONETICA 3:18
Supplement to Phonetica

1964- Irregular Price varies with supplement (from $7.70-$26.40)
S. Karger
Arnold-Boecklin-Strasse 25
4000 Basel 11, Switzerland

Monographic supplements on topics in phonetics and related areas of linguistic and speech science.
In German or English.
Numbers consist of both single works and multiple articles on a single theme. Supplements which have appeared include: Some Acoustic Characteristics of Dysarthric Speech (No. 2), Phonometrie (Nos. 3 and 5), and The Breath Stream Dynamics of Simple Released-Plosive Production (No. 6).
Table of contents with each supplement.
Abstracted or indexed by: LLBA.

LANGUAGE AND SPEECH 3:19

1958- Quarterly $15.00/Yr.
Robert Draper Ltd.
Kerbihan House, 85 Udney Park Rd.
Teddington, Middlesex, England

Research journal covering language, hearing, and speech from the point of view of experimental phonetics and linguistics, including psycholinguistics.
Articles in English.
Contains original articles.
Annual author and title indexes.
Abstracted or indexed by: dsh, IM, DA, LLBA, SA, SCI.

PHONETICA 3:20

1957- Bimonthly $27.00/Yr. (2 Vols./Yr.)
S. Karger
Arnold-Boecklin-Strasse 25, 4000 Basel 11, Switzerland
U.S.A.: Albert J. Phiebig
P.O. Box 352, White Plains, N.Y. 10602

International journal of phonetics. Carries articles on acoustic aspects of hearing-language-speech.
Articles in English, German, or French; summaries in all three languages.
Includes original and review articles; book reviews; announcements; obits. Abstracts of papers presented at the International Society of Phonetic Sciences.
Annual index is usually divided into five parts: original papers, surveys, book reviews, varia, necrologia. Sometimes index headings and entries are given in all three languages, with italics for the original language of the articles. Cumulative indexes for Vols. 1-5 appear in Vol. 5-6 (1960-1961); Vols. 6-10 appear in Vol. 9-10 (1963-1964); Vols. 11-15 appear in Vol. 15 (1966).
Abstracted or indexed by: dsh, BA, LLBA, SCI.

Otolaryngology

3:21 ACTA OTO-LARYNGOLOGICA

1918- Monthly $15.00/Vol. (2 Vols./Yr. Price includes suppls.)
Almqvist and Wiksell
Gamla Brogatan 26, Stockholm C, Sweden

International research journal of otolaryngology.
Articles in English, German, or French; summaries in English and German.
Includes original articles; meeting announcements. Carries the proceedings of the Collegium Oto-Rhino-Laryngologicum Amicitae Sacrum. SEE ALSO: Acta Oto-Laryngologica Supplementum.
Author and subject indexes with each volume.
Abstracted or indexed by: dsh, IM, LLBA.

3:22 ACTA OTO-LARYNGOLOGICA SUPPLEMENTUM
Supplement to Acta Oto-Laryngologica

1923- Irregular $5.00/Suppl. (Included with subscription to Acta Oto-Laryngologica)
Almqvist and Wiksell
Gamla Brogatan 26, Stockholm C, Sweden

Numbered series of research monographs in otolaryngology.
Text in English, German, or French; summaries often in English, French, German and occasionally in Italian. Monographs in English often have summaries only in English.
Abstracted or indexed by: IM, BA, CA.

3:23 ANNALS OF OTOLOGY, RHINOLOGY, AND LARYNGOLOGY

1897- Bimonthly $18.00/Yr.
Annals Publishing Company
P.O. Box 11606, Clayton Station, St. Louis, Mo. 63105

Clinical and research journal of otolaryngology and its borderline subjects. Official journal for publication of papers presented before the American Otological Society, the American Laryngological Association, and the American Broncho-Esophagological Association.
Articles in English.
Includes original articles; periodical and book reviews; news; meeting reports and announcements. There is plan to insert abstracts of forthcoming articles.
Annual author and title indexes.
Abstracted or indexed by: dsh, IM, BA, DA, ExM, LLBA, SCI.

ARCHIVES OF OTOLARYNGOLOGY 3:24

1925- Monthly $12.00/Yr. (2 Vols./Yr.)
American Medical Association
535 North Dearborn St., Chicago, Ill. 60610

Research journal of otologic, oncologic, reconstructive, endoscopic, and general otolaryngology. Official publication of the American Medical Association.
Articles in English accepted from foreign countries, as well as the United States.
Includes original articles; Progress Reports on special areas; book reviews; meeting announcements; news; letters; editorials. Also, The Resident's Page, with pathologic quiz cases; Medicolegal Hints. Directory of Otolaryngological Societies appears in the Index issue twice yearly.
Author and subject indexes with each volume.
Abstracted or indexed by: dsh, IM, BA, ExM, LLBA, OR, SCI.

BIBLIOTHECA OTO-RHINO-LARYNGOLOGICA 3:25
Supplement to Practica Oto-Rhino-Laryngologica

1953- Irregular
Publisher: S. Karger
Arnold-Boecklin-Strasse 25, 4000 Basel 11, Switzerland
Agent U.S.A.: Box 352, White Plains, N.Y. 10602

Monographs on problem areas and current practices in otolaryngology. Some issues concern a single topic with substantial contributions by investigators of different nationalities. Other issues contain several works on unrelated topics. Published simultaneously as Advances in Oto-Rhino-Laryngology.
Works in German largely, French, or English; summaries in English, French, or German.
Table of contents with each volume.
Abstracted or index by: IM, LLBA, SCI.

CLEFT PALATE JOURNAL 3:26

1964- Quarterly $10.00/Yr.
Howard Aduss, D.D.S.
808 South Wood St., Chicago, Ill. 60079

Clinical and research journal for dentistry, plastic surgery, speech pathology, and other specialties concerned with cleft lip, cleft palate, and related problems. Publication of the American Cleft Palate Association.
Articles in English.
Includes original articles; book reviews; letters; meeting announcements; news. There is an Abstracts section with international contributors.
Annual author and title indexes.
Abstracted or indexed by: dsh, IM, DA, LLBA, OR.

3:27 CLINICAL TRENDS IN OPHTHALMOLOGY, OTOLARYNGOLOGY, ALLERGY

1962- 8 times/Yr. Free to specialists in eye, ear, nose, throat, and related fields.
Clinical Trends
3 West 57th St., New York, N.Y. 10019

News magazine of ophthalmology, otolaryngology, and allergies. Publication of Burroughs Wellcome and Company.
Articles in English.
Includes original articles; meeting announcements; news; letters.
Annual title and investigator indexes. Titles classified under the three broad headings of ophthalmology, otolaryngology, and allergy.

3:28 EYE, EAR, NOSE AND THROAT MONTHLY

1922- Monthly $3.00/Yr.
The Professional Press
Room 1410
5 North Wabash Ave., Chicago, Ill. 60602

Journal of practical medical science devoted to ophthalmology and otolaryngology.
Articles in English.
Includes original and review articles; periodical, book, and product reviews; news; abstracts.
Annual subject index; index to abstracts.
Abstracted or indexed by: dsh, BA, DA, ExM, SCI.

3:29 JOURNAL OF LARYNGOLOGY AND OTOLOGY

1887- Monthly $15.00/Yr.
Headley Brothers Ltd.
Ashford, Kent, England

Professional research journal of laryngology and otology.
Articles in English.
Includes original articles; book reviews; case reports; meeting reports and announcements; course news. Carries Proceedings of Royal Society of Medicine, Sections of Otology and of Laryngology, and the Scottish Otolaryngological Society.
Articles in English.
Annual author and rotated title indexes.
Abstracted or indexed by: dsh, IM, CA, DA, ExM, LLBA.

JOURNAL OF THE OTO-LARYNGOLOGICAL SOCIETY OF AUSTRALIA 3:30

1961- Annual $5.00/Yr.
Oto-Laryngological Society of Australia
43 Lower Fort St., Sydney 2000, Australia

Research journal of otolaryngology. Publication of the Oto-Laryngological Society of Australia.
Articles in English.
Includes original articles; book reviews; letters; editorials; signed abstracts; case reports; news; meeting reports and announcements. Also, list of members of the Oto-Laryngological Society of Australia and the Oto-Laryngological Society of New Zealand.
Table of contents with each issue.
Abstracted or indexed by: dsh, IM, DA.

LARYNGOSCOPE 3:31

1896- Monthly $18.00/Yr.
Laryngoscope
222 Pine Lake Rd., Collinsville, Ill. 62234

Research journal of diseases of ear, nose, and throat. Official organ of publication of the American Laryngological, Rhinological and Otological Society; also many original articles by independent authors.
Articles in English.
Includes original articles; meeting announcements; course news; letters. Directory of Otolaryngologic Societies in each issue (SEE separate entry).
Annual author and subject indexes.
Abstracted or indexed by: dsh, IM, BA, CA, DA, ExM, LLBA, PA, SCI.

PRACTICA OTO-RHINO-LARYNGOLOGICA 3:32

1938- Bimonthly $16.20/Yr.
Publisher: S. Karger
Arnold-Boecklin-Strasse 25, 4000 Basel 11, Switzerland
Agent U.S.A.: Albert J. Phiebig,
Box 352, White Plains, N.Y. 10602

Professional research journal of otorhinolaryngology. Offizielles Organ der Gesellschaft schweizerisch Hals-, Nasen- und Ohrenaerzte. Organ of the Netherlands Society of Otorhinolaryngology.
Articles usually in English, French, or German; summaries in language of article and in English.
Includes original articles; book reviews. Carries the proceedings of the above societies as well as those of Deutsche Gesellschaft der Hals-, Nasen- Ohrenaerzte, and others. There is a supplement, Bibliotheca Oto-Rhino-Laryngologica (SEE separate entry).
Annual author and subject indexes. Subject index terms are in the language of the paper containing them if in English, French, or German; translated into German, otherwise.
Abstracted or indexed by: dsh, IM, BA, CA, DA, ExM, LLBA, SCI.

3:33 PROCEEDINGS OF THE INTERNATIONAL CONGRESS OF OTO-RHINO-LARYNGOLOGY

*1928- Irregular
Excerpta Medica Foundation
119-123 Herengracht, Amsterdam-C, The Netherlands
U.S.A.: New York Academy of Medicine Building
2 East 103rd St., New York, N.Y. 10029

Reports of proceedings of the International Congresses of Oto-Rhino-Laryngology, Three subjects are selected for official consideration and three outstanding authorities are invited to present the opening papers on the selected topics. Four additional authorities are invited to begin the general discussion. The remainder of the scientific program is made up of voluntary papers selected by the organization of each Congress according to its own plan.

Papers are in English, German, French, or Spanish.

Contained in the Proceedings of the 8th Congress are scientific papers which include plenary sessions, symposia, general sessions, panel discussions, fireside conferences, film sessions, and exhibits. Also includes committee reports, highlights of the Congress, list of Congress participants, and list of sponsors. Supplementary handbook prepared in English, French, German and Spanish consisting of abstracts of papers presented usually accompanies or precedes the proceedings.

Author and subject indexes with each Proceedings.

Abstracted or indexed by: Undetermined.

*International Congresses are usually held every 4 years: 1st - 1928, Copenhagen; 2nd - 1932, Madrid; 3rd - 1936, Berlin; 4th - 1949, London; 5th - 1953, Amsterdam; 6th - 1957, Washington; 7th - 1961, Paris; 8th - 1965, Tokyo. Congresses have varied in their publication of program, abstracts, and proceedings. Abstracts and proceedings of the 8th Congress appear separately in International Series No. 92 and 133, respectively, Excerpta Medica Foundation.

3:34 TRANSACTIONS OF THE AMERICAN ACADEMY OF OPHTHALMOLOGY AND OTOLARYNGOLOGY

*1896- Bimonthly $12.00/Yr.
Second St., S.W., Rochester, Minn. 55901

House organ of the American Academy of Ophthalmology and Otolaryngology. Articles devoted to ophthalmology and otolaryngology are included in each number.

Articles in English only.

Includes original papers with discussion delivered at annual conventions; book reviews; news - notes, meeting announcements; editorials; obits; Academy, Council and Business meetings; program of Instruction Courses. Also Council Committee and Standing Committee reports and reports of Academy representatives to other organizations. Annual directory of members (SEE entry under American Academy of Ophthalmology and Otolaryngology). Directory of Ophthalmic and Otolaryngic Societies in each issue (SEE separate entry).

Annual author and subject indexes.

Abstracted or indexed by: dsh, IM, BA, CA, DA, ExM.

*A Transactions Volume of the Academy (founded in 1896) bound annually from 1903. Beginning 1941, the Transactions appeared in a bimonthly journal.

TRANSACTIONS OF THE AMERICAN LARYNGOLOGICAL ASSOCIATION 3:35

1879- Annual $10.00/Yr.
55 Doughty St., Charleston, S.C.

House organ of the American Laryngological Association. Covers nose, throat and laryngeal diseases and related areas. Papers usually appear later in the Annals of Otology, Rhinology and Laryngology in substantially the same form.
Articles in English.
Includes original papers with discussion delivered at annual convention; reports of society business.
Annual author and title index.
Abstracted or indexed by: BA.

3:36
TRANSACTIONS OF THE AMERICAN LARYNGOLOGICAL, RHINOLOGICAL AND OTOLOGICAL SOCIETY

1896- Annual $15.00/Yr.
The Laryngoscope
222 Pine Lake Rd., Collinsville, Ill. 62234

Transactions of the Annual Meeting and of the Eastern, Southern, Middle, and Western Sections of the Society. Papers also appear later in the April through September issues of The Laryngoscope in substantially the same form.
Contains original research presentations accompanied by discussion; also, annual meeting report which includes new committees, members, list of fellows of the Society, and Society business.
Articles in English.
Annual author and subject indexes.

TRANSACTIONS OF THE AMERICAN OTOLOGICAL SOCIETY, INC. 3:37

1868- Annual $12.00/Yr.
Ben H. Senturia, M.D.
#3 Clermont Lane, St. Louis, Mo. 63124

Transactions of the annual meeting of the American Otological Society. Contains original papers and discussions. Also, annual meeting report of Society business. Original papers are republished in Annals of Otology, Rhinology and Laryngology.
Annual author and subject indexes.
Abstracted or indexed by: dsh, ExM.

Deafness - Education and Research

3:38 AMERICAN ANNALS OF THE DEAF

1847- 5 times/Yr. $6.00/Yr.
Gallaudet College
Florida Ave. and 7th St., N.E., Washington, D.C. 20002

Professional educational journal for the deaf which is the oldest educational journal in the United States and the oldest journal on deafness in the world. Official journal of the Conference of Executives of American Schools for the Deaf and the American Instructors of the Deaf.
Articles in English.
Includes original articles and meeting announcements. An annual Directory of Services for the Deaf in the United States is one of the issues (SEE separate entry).
Annual author, subject, and title index. Cumulative index from 1847 to 1955.
Abstracted or indexed by: dsh, IM, EdI, ExM, LLBA, PA.

3:39 PROCEEDINGS OF THE AMERICAN INSTRUCTORS OF THE DEAF ●
(Formerly Proceedings of the Convention of American Instructors of the Deaf)
1850- Biennial $5.00/Yr.
American Annals of the Deaf
Gallaudet College
Washington, D.C. 20002

Report of the biennial meetings of the American Instructors of the Deaf, covering all facets of education of the deaf.
Articles in English.
Includes papers presented at the convention on various topics concerning education of the deaf; addresses of presidents and other members; letters; demonstrations; accounts of business meetings; committee reports; list of members, officers, and meetings of the Convention; and constitution and by-laws.
Author, subject, and modified-title index appears with recent volumes. An index by Bette La Verne Fauth and Warren Wesley Fauth entitled, A Study of the Proceedings of the Convention of American Instructors of the Deaf 1850-1949. (SEE separate entry).
Abstracted or indexed by: dsh.

3:40 PROCEEDINGS OF THE CONFERENCE OF EXECUTIVES OF AMERICAN SCHOOLS FOR THE DEAF ●

1868- Annual $5.00/Yr.
American Annals of the Deaf
Gallaudet College
Washington, D.C. 20002

Proceedings of the annual Conference of Executives of American Schools for the Deaf, containing papers and reports of activity in all areas of education of the deaf.
Articles in English.
Contained in the Proceedings of the 38th Meeting are the program with papers and reports; business sessions with minutes and committee reports; appendix with constitution, by-laws, lists of past meetings of the Conference and published proceedings.
Table of contents with each issue.
Abstracted or indexed by: Undetermined.

TEACHER OF THE DEAF 3:41

1902- Bimonthly $3.00/Yr.
Mr. G. F. E. Clark, Circulation Secretary
Royal School for the Deaf
Exeter, Devon, England

Professional journal for teachers of the deaf. Journal of the National College of the Teachers of the Deaf.
Articles in English.
Includes original articles; meeting announcements; news; editorials; letters; obits.
Annual title index.
Abstracted or indexed by: dsh, LLBA.

VOLTA REVIEW 3:42

1899- 9 times/Yr. $8.00/Yr.
Alexander Graham Bell Association for the Deaf, Inc.
1537 35th St., N.W., Washington, D.C. 20007

Journal devoted to the educational aspects of deafness. Combines the interests of educators, hearing-impaired adults, and parents of deaf children. Official journal of the Alexander Graham Bell Association for the Deaf.
Articles in English.
Includes original articles; book, film, and product reviews; letters; news; meeting announcements; notes of the International Parents' Organization; Teachers' Forum; and Oral Deaf Adults Section. Advertising directories of hearing societies and teachers of lipreading included with each issue.
Annual author and subject index. Cumulative selective index containing separate subject and author indexes published in 1966 (SEE Bibliography on Deafness, edited by George W. Fellendorf).
Abstracted or indexed by: dsh, EdI, ExM, LLBA, PA.

Deafness - Journals for the Deaf

BRITISH DEAF NEWS 3:43

19--? Bimonthly 86s./Yr.
J. F. Hudson
140 Green Lane, Cookridge, Leeds 16, England

Service magazine of the British Deaf and Dumb Association.
Articles in English.
Includes original and reprinted articles; notes and news of interest to the deaf, including professional conferences and meetings. Also, list of Missions and Welfare Organizations for the Deaf and Dumb (in Great Britain).
Abstracted or indexed by: Undetermined.

3:44 DEAF AMERICAN

1948- 11 times/Yr. $4.00/Yr.
Suite 321
2025 Eye Street, N.W., Washington, D.C. 20006

News and service journal for the deaf in the U.S.A. Prints professional articles on deafness as well as news stories and features. Publication of the National Association of the Deaf.
Articles in English.
Includes original and reprinted articles; meeting reports and announcements; news; letters; official business of the Association.
Annual index will likely be started within a year.

3:45 HEARING

1963- Monthly 16s./Yr.
Royal National Institute for the Deaf
105 Gower St., London, W.C. 1, England

Service magazine for the British deaf and hard of hearing. Publication of the Royal National Institute for the Deaf.
Articles in English.
Includes original articles; book reviews; meeting reports; news; obits; letters.
Annual index published separately, available from the Royal National Institute for the Deaf for 2/6d.
Abstracted or indexed by: dsh.

Dyslexia (Learning Disability)

3:46 BULLETIN OF THE ORTON SOCIETY

1951- Annual $3.00/Yr.
Orton Society, Inc.
Box 153, Pomfret, Conn.

Research and educational journal for papers on the study and treatment of children with specific language disability (dyslexia). Publication of the Orton Society.
Articles in English.
Includes original and reprinted articles; case studies; special reports; signed book reviews and review of instructional materials; news of the Society; meeting announcements; obits.
Table of contents with each issue. Cumulative index for Vols. 7-12 (1957-1962) in Vol. 13 (1963).
Abstracted or indexed by: PA.

JOURNAL OF LEARNING DISABILITIES ● 3:47

1968- Monthly $7.00/Yr.
Professional Press
5 Wabash Ave., Chicago, Ill. 60602

Professional journal proposing to serve the multidisciplinary and international exchange of information on learning disabilities and to offer practical help in this area. Among 24 disciplines listed as concerned are education, audiology, language, neurology, psychology, reading, rehabilitation, and speech. A large number of the articles are on reading disabilities and dyslexia.
Articles in English.
Includes original articles; special reports; editorials; news; product reviews; meeting announcements. Other departments include Strictly for Parents (article); and Strictly for Teachers (article). A special feature is the glossary which is appended to most articles.
Table of contents with each issue.
Abstracted or indexed by: Undetermined.

MONOGRAPHS OF THE ORTON SOCIETY ● 3:48

? Irregular Price varies*
John B. Bigelow, Treasurer
The Orton Society, Inc.
Box 153, Pomfret, Conn. 06258

Monograph series on the study and treatment of children with dyslexia. Publication of the Orton Society.
Articles in English.
Series includes the following titles: Dyslexia in Special Education (Vol. 1); "Word-Blindness" in School Children and Other Papers on Strephosymbolia (Specific Language Disability--Dyslexia) 1925-1946 (Vol. 2); Vol. 3, in preparation.
Abstracted or indexed by:

*Vol. 1, $2.50, Vol. 2, $3.50.

COGNATE

Acoustics

3:49 **JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA**

1929- Monthly $22.00/Yr. (2 Vols./Yr.)
American Institute of Physics
335 East 45th St., New York, N.Y. 10017

Research journal containing articles on architectural, physiological, and psychological acoustics; music and musical instruments; noise; speech communication; ultrasonics; radiation and scattering; mechanical vibrations and shock; underwater sound; aeroacoustics, macrosonics, and random vibration; acoustic signal processing; and bioacoustics. Publication of the American Institute of Physics for the Acoustical Society of America.

Articles in English.

Includes original articles; signed book reviews; meeting announcements; news; reviews of acoustical patents; letters. Also, a bimonthly section on References to Contemporary Papers on Acoustics (SEE under separate entry). Carries abstracts of papers presented at the spring and fall meetings of the Society.

Author Index and Analytic Subject Index with each volume. Also, Inventor Index to Acoustical Patents. Cumulative Indexes entitled JASA, Contemporary Literature, and Patents may be purchased from the American Institute of Physics.

Abstracted or indexed by: dsh, IM, BA, CA, Engrl, ExM, LLBA, PA, PhysicsA, SCI.

3:50 **JOURNAL OF SOUND AND VIBRATION**

1964- Bimonthly $21.00/Vol. (2 Vols./Yr.)
Academic Press Inc. (London) Ltd.
Berkeley Square, London W. 1, England
U.S.A.: Academic Press Inc.
111 Fifth Ave., New York, N.Y. 10003

Experimental and theoretical research journal of sound and vibration. Carries some articles on physiologic and psychologic aspects of noise and other problems of sound and vibration. Official medium of publication for the British Acoustical Society.

Articles in English.

Includes original articles; meeting announcements; letters; signed book reviews.

Annual author index and table of contents.

Abstracted or indexed by: PhysicsA, SCI.

Allergies

ANNALS OF ALLERGY 3:51

1943- Monthly $10.50/Yr.
2642 University Ave., St. Paul, Minn. 55114

Professional journal covering all types of allergies, including those of ear, nose, and throat. Official journal of the American College of Allergists.
Articles in English.
Includes original articles; periodical and book reviews; abstracts; news; editorials; meeting announcements; obits; letters.
Annual author and subject index and index of advertisers.
Abstracted or indexed by: IM, BA, DA, ExM, SCI.

Children - Atypical

CEREBRAL PALSY JOURNAL 3:52

1939- Bimonthly $3.00/Yr.
Institute of Logopedics, Inc.
2400 Jardine Drive, Wichita, Kan. 67219

Journal devoted to research on and management of cerebral palsy, with frequent articles on problems of hearing and speech. Publication of the Institute of Logopedics.
Articles in English.
Includes original articles; book reviews; meeting announcements; news.
Annual table of contents in January/February issue of following year.
Abstracted or indexed by: dsh, IM, CD, ExM, LLBA, MR, PA.

CEC [COUNCIL FOR EXCEPTIONAL CHILDREN] RESEARCH MONOGRAPHS. 3:53

1960- Irregular Price varies ($16 for first 10 issues, $9 first 5)
Council for Exceptional Children
National Education Association
1201 16th St., N.W., Washington, D.C. 20036

Monograph series on studies of exceptional children. Carries articles on the hearing-language-speech abilities and skills of both handicapped and gifted children. Publication of the Council for Exceptional Children of the National Education Association.
Articles in English.
Includes original articles. Of interest to hearing-language-speech are Reading and Psycholinguistic Processes of Partially Seeing Children, by Barbara D. Bateman (Series A, No. 5), and Research Studies on the Psycholinguistic Behavior of Deaf Children, edited by Joseph Rosenstein and Walter H. MacGinitie (Series B, No. 2).
Table of contents with each issue.
Abstracted or indexed by: Undetermined.

3:54 EXCEPTIONAL CHILDREN

1934- 10 times/Yr. $10.00/Yr.
Council for Exceptional Children
1201 16th St., N.W., Washington, D.C. 20036

Professional journal focussing on the educational problems of exceptional children. Carries many articles of the hearing-language-speech abilities and skills of both handicapped and gifted children. Official journal of the Council for Exceptional Children of the National Education Association.
Articles in English.
Includes original and review articles; book reviews; meeting announcements, signed abstracts; President's page (editorial); Out of the Classroom (articles suggesting plans from actual classroom experience); Clearinghouse news; ERIC Excerpt.
Annual author and title indexes.
Abstracted or indexed by: dsh, IM, BA, CD, ExM, LLBA, MR, PA, SA.

3:55 SPECIAL EDUCATION

1911- Quarterly $3.00/Yr.
12 Park Crescent, London, W. 1, England

Professional journal devoted to the educational problems of children with handicaps, including disabilities of hearing-language-speech. Official journal of the Association for Special Education and educational journal of The Spastics Society.
Articles in English.
Includes original articles; book reviews; letters; editorials; meeting announcements; news.
Annual table of contents appears in the first issue of the following volume.
Abstracted or indexed by: dsh, IM, MR.

Children - Development and Diseases

3:56 AMERICAN JOURNAL OF DISEASES OF CHILDREN

1911- Monthly $12.00/Yr. (2 Vols./Yr.)
American Medical Association
535 North Dearborn St., Chicago, Ill. 60610

Research journal essentially devoted to recording new observations on disease in children. Carries some articles that relate to hearing and speech disorders. Official publication of the American Medical Association.
Articles in English.
Contains original articles, including reviews and case reports; book reviews; news; letters; radiologic case of the month; picture of the month.
Author and subject indexes with each volume.
Abstracted or indexed by: dsh, IM, BA, CD, DA, ExM, LLBA, MR, OR, PA, SCI.

CHILD DEVELOPMENT 3:57

1930- Quarterly $20.00/Yr.
Child Development Publications
The University of Chicago Press
5750 Ellis Ave., Chicago, Ill. 60637

Research journal of behavioral articles in child development. Carries some articles directly related to functions of hearing-language-speech and many others of parallel concern. Publication of the Society for Research in Child Development.
Articles in English.
Includes original articles.
Annual author index.
Abstracted or indexed by: dsh, IM, BA, ExM, LLBA, MR, PA, SCI.

CLINICAL PEDIATRICS 3:58

1962- Monthly $10.00/Yr.
J.B. Lippincott Company
East Washington Square, Philadelphia, Pa. 19105

Postgraduate education journal for physicians covering all topics related to child care, pediatric practice, behavioral and educational problems, community health situations, and simpler disorders which require hospitalization. Problems of hearing and speech receive some coverage.
Articles in English.
Includes original and review articles; periodical and book reviews; news; quizzes.
Annual author and subject indexes.
Abstracted or indexed by: dsh, IM, BA, DA, MR, SCI.

CLINICS IN DEVELOPMENTAL MEDICINE 3:59

19-- About 4 each year $15.00/Yr.
William Heinemann Medical Books
The Press at Kingswood
Tadsworth, Surrey, England

Monographs on clinically oriented topics in child development, many of which relate to cerebral palsy and spastic disorders. Publication of the Spastics International Medical Publications.
Articles in English. Number 18, The Imitation of Gestures, is a translation of Test d'Imitation de Gestes.
Includes both single- and multi-authored works. Of particular relevance to the field of hearing and speech are The Child Who Does Not Talk (No. 13, 1964) and The Syndrome of Stuttering (No. 17, 1964).
Table of contents with each number; author and subject index with some.
Abstracted or indexed by: Undetermined.

*Available on subscription basis or as single copies (usually 3-4 dollars) or in joint subscription with Developmental Medicine and Child Neurology ($27.00).

3:60 DEVELOPMENTAL MEDICINE AND CHILD NEUROLOGY •
Incorporating Cerebral Palsy Bulletin

1958- Bimonthly $12.00/Yr.
William Heinemann Medical Books
23 Bedford Square, London, W.C. 1, England

Research journal in developmental medicine and child neurology. Official journal of the American Academy of Cerebral Palsy. Publication of the Spastics Society Medical Education and Information Unit.
Articles in English; summaries in English, French, German, and Spanish.
Contains original articles, including review articles; signed periodical and book reviews; letters; meeting reports; signed abstracts; news; obits; annotations (short review articles). Numbered supplements include annually the Bibliography of Developmental Medicine and Child Neurology (SEE separate entry).
Annual author and subject indexes.
Abstracted or indexed by: dsh, IM, CD, DA, ExM, LLBA, MR, OR, PA, SCI.

3:61 JOURNAL OF PEDIATRICS

1932- Monthly $20.00/Yr. (2 Vols./Yr.).
The C.V. Mosby Company
3207 Washington Blvd., St. Louis, Mo. 63103

Journal of research and interpretation in pediatrics and related fields for the clinically oriented practitioner or academician. Carries some articles of direct concern and others with indirect relevance for hearing, language, and speech disorders in children.
Articles in English.
Contains original articles, including review articles; abstracts; signed book reviews; letters; editorials; news; meeting announcements; comments on current literature; clinical pathological conferences; brief clinical and laboratory observations. Has Medical Progress section for status-quo, interpretive, and perspective articles on particular subjects or specialties.
Author and subject indexes with each volume.
Abstracted or indexed by: dsh, IM, BA, CD, ExM, LLBA, MR, OR, SA, SCI.

MONOGRAPHS OF THE SOCIETY FOR RESEARCH IN CHILD DEVELOPMENT 3:62

1935- 6 Issues/Yr. $12.00/Yr.
Child Development Publications
University of Chicago Press
5750 Ellis Ave., Chicago, Ill. 60637

Monographs of multidisciplinary research particularly in the psychological and social aspects of child development. Series includes both single- and multi-authored works. Of particular relevance to the field of hearing-language-speech are Language Development and Language Disorders (Vol. 25, No. 77, 1960), The Acquisition of Language (Vol. 29, No. 92, 1964), The Effect of Preparatory Set on Selective Listening: Developmental Trends (Vol. 32, No. 112, 1967), Class and Ethnic Differences in the Responsiveness of Preschool Children to Cognitive Demands (Vol. 33, No. 117, 1968), and The Early Training Project for Disadvantaged Children: A Report After Five Years (Vol. 33, No. 120, 1968).
In English.
Table of contents with each volume of several monographs.
Abstracted or indexed by: dsh, IM, CD, LLBA, MR, PA.

PEDIATRICS 3:63

1948- Monthly $12.00/Yr. (2 Vols./Yr.)
Pediatrics
P.O. Box 1034, Evanston, Ill. 60204

Journal of original research and observation in pediatrics and pertinent material in fields of genetics, psychology, obstetrics, psychological education, sociology, nutrition, and surgery. Official publication of the American Academy for Pediatrics.
Articles in English; summaries in English and Spanish.
Includes original and review articles; book reviews; letters; news; meeting announcements. Supplements appear irregularly.
Author and subject indexes with each volume.
Abstracted or indexed by: dsh, IM, BA, DA, ExM, LLBA, MR, SA, SCI.

Children - Psychology and Psychiatry

3:64 AMERICAN JOURNAL OF ORTHOPSYCHIATRY

1930- 5 times/Yr. $12.00/Yr. (Vols 1-20 available on microfilm)
American Orthopsychiatric Association
1790 Broadway, New York, N.Y. 10019

Professional journal containing articles on human behavior and the treatment of behavior disorders. Carries articles on language development, reading disability, and verbal behavior. Publication of the American Orthopsychiatric Association.
Articles in English.
Includes original articles; letters; editorials; proceedings of annual meetings; Reviews of the Literature (signed book and film reviews); Mental Health Highlights (news and notes).
Annual index in four sections: subjects; authors; reviews (books); reviews (audiovisuals). Cumulative index for Vols. 1-30 (1930-1960).
Abstracted or indexed by: dsh, IM, BA, LLBA, PA, SCI.

3:65 JOURNAL OF CHILD PSYCHOLOGY AND PSYCHIATRY AND ALLIED DISCIPLINES

1960- Quarterly $30.00/Yr.
Pergamon Press
Headington Hill Hall, Oxford, England
U.S.A.: 122 East 55th St., New York, N.Y. 10022

Research journal primarily concerned with child psychology and psychiatry. Includes articles in related fields of animal behavior, anthropology, education, family studies, pediatrics, physiology, and sociology. Carries some articles on hearing-language-speech. Official organ of the Association for Child Psychology and Psychiatry.
Articles in English.
Includes original and review articles; signed book reviews; list of books received; meeting announcements.
Annual author index and table of contents.
Abstracted or indexed by: IM, BA, CD, ExM, LLBA, MR, PA.

3:66 JOURNAL OF EXPERIMENTAL CHILD PSYCHOLOGY

1964- 4 times/Yr. $20.00/Yr.
Academic Press, Inc.
111 Fifth Avenue, New York, N.Y. 10033

Research journal for studies relating the behavior and development of children to their determining variables. Carries some articles with auditory stimuli or verbalizing as independent variables; or with listening, hearing, or speaking as dependent variables.
Articles in English.
Includes original articles and occasional short notes describing new apparatus, techniques, and material.
Author and subject indexes with each volume.
Abstracted or indexed by: dsh, IM, CD, LLBA, MR, PA, SA, SCI.

Health and Environment

AEROSPACE MEDICINE 3:67

1959- Monthly $12.00/Yr.
Aerospace Medicine
Washington National Airport
Washington, D.C. 20001

Research journal of clinical, investigative, and applied aerospace medicine. Carries articles and abstracts on space-relevant aspects of hearing and speech. Official publication of the Aerospace Medical Association.
Articles in English.
Includes original articles; book reviews; meeting announcements; news. Carries monthly Abstracts of Current Literature, Aerospace Medicine and Biology, prepared by the Aerospace Medicine Bibliography Section, Science and Technology Division, Library of Congress. These abstracts are cumulated, along with abstracts from other sources, in NASA's Aerospace Medicine and Biology.
Annual index in three parts: author and subject indexes to scientific articles; author and subject indexes to abstracts; and subject index to the section called Aerospace Medicine News.
Abstracted or indexed by: IM, BA, ExM, OR, PA.

ARCHIVES OF ENVIRONMENTAL HEALTH● 3:68

1960- Monthly $12.00/Yr.
Circulation Department
American Medical Association
535 North Dearborn St., Chicago, Ill. 60610

Research journal of preventive, occupational, and aerospace medicine. Carries some articles on temporary and permanent hearing loss and ear disorders in relation to noise and other environmental features. Official publication of American Academy of Occupational Medicine and Association of Teachers of Preventive Medicine.
Articles in English.
Includes original articles; periodical and book reviews; letters; abstracts; news.
Annual author and subject indexes.
Abstracted or indexed by: dsh, IM, BA, DA, ExM, OR, PA, SCI.

3:69 HUMAN FACTORS

1958- Bimonthly $20.00/Yr.
Johns Hopkins Press
5820 York Rd., Baltimore, Md. 21218

Journal for engineers, physiologists, psychologists, and other scientists who are interested in man in relation to machines and environmental factors. Carries some articles involving auditory functions. Journal of the Human Factors Society.
Articles in English.
Contains original articles. By-laws of the Human Factors Society in each issue.
Annual author and subject indexes.
Abstracted or indexed by: dsh, IM, BA, PA.

3:70 INDUSTRIAL MEDICINE AND SURGERY

1932- Monthly $10.00/Yr.
Box 546, Kendall Station
Miami, Fla. 33156

Professional journal devoted to the conservation of health in the worker's total environment and to the advancement of industrial medicine, including the surgery of trauma. Carries occasional articles on audiometry, hearing conservation, and noise control.
Articles in English; summaries of South American conferences in Spanish.
Includes original articles; personal news and notes; product research and development; news, comment and opinion; book reviews; letters. Also, abstracts on various conferences such as the Inter-American Conference on Toxicology and Occupational Medicine.
Annual author and subject indexes. Index to advertisers with each issue.
Abstracted or indexed by: dsh, IM, BA, ExM, SCI.

MEDICAL AND BIOLOGICAL ENGINEERING 3:71

1963- Bimonthly $30.00/Yr. (2 Vols./Yr.)
Publisher: Pergamon Press
Headington Hill Hall, Oxford, England
U.S.A.: 44-01 21st St., Long Island City, N.Y.

Research journal containing papers on the application of engineering philosophy and techniques to biological and medical problems. Covers a wide range of topics, from instrumentation and biomechanics to automation techniques, new materials, and applications. Carries a few articles on the acoustic aspects of hearing. Official organ of the International Federation for Medical and Biological Engineering.
Articles in English, French, German, or Russian; summaries of papers in English are in French and German.
Includes original and review articles; signed book reviews; editorials; technical notes; meeting reports and announcements; news; bibliography of recent publications. Also, selected transactions of the International Federation for Medical and Biological Engineering.
Annual table of contents.
Abstracted or indexed by: IM, LLBA.

PUBLIC HEALTH REPORTS ◎ 3:72

1878- Monthly $5.25/Yr.
Superintendent of Documents
Government Printing Office, Washington, D.C. 20402

Journal of public health for practicing public health officials and educated laymen. Carries occasional articles on hearing and speech. Publication of the U.S. Public Health Service.
Articles in English.
Includes original articles; meeting reports and announcements; program and educational notes; film reviews; description of new federal publications. Public Health Monographs are issued irregularly--concurrently with issues of the Reports but independently of them.
Annual author and subject indexes.
Abstracted or indexed by: dsh, IM, BA, Engrl, ExM, HLI, OR, PA, SCI.

Learning and Behavior

3:73 BEHAVIOUR RESEARCH AND THERAPY

1963- Quarterly $30.00/Yr.
Journals Department
Pergamon Press
Headington Hill Hall, Oxford, England

International multidisciplinary journal covering application of behavioristic learning theories to control of maladaptive behavior and improvement of learning efficacy. Aim is to close the gap between laboratory and clinic. Carries some articles on treatment of speech disorders and topics of related interest.
Articles in English.
Includes original articles; book reviews; letters.
Annual author index and table of contents.
Abstracted or indexed by: IM, BA, LLBA, PA.

3:74 JOURNAL OF VERBAL LEARNING AND VERBAL BEHAVIOR

1962- Bimonthly $35.00/Yr.
Journal of Verbal Learning and Verbal Behavior
Academic Press, Inc.
111 Fifth Avenue, New York, N.Y. 10003

Research journal for laboratory studies of human learning as well as work in psycholinguistics and related disciplines, with emphasis on experimental and empirical studies. Many articles are concerned directly or indirectly with hearing-language-speech.
Articles in English.
Contains original articles, including supplementary reports.
Annual author and subject indexes and table of contents.
Abstracted or indexed by: dsh, LLBA, MR, PA, SCI.

Linguistics

3:75 FOUNDATIONS OF LANGUAGE

1965- Quarterly $11.75/Yr.
D. Reidel Publishing Company
P.O. Box 17, Dordrecht, The Netherlands

International journal of language and philosophy publishing general or technical contributions in fields of research dealing with language and the foundations of its study.
Articles normally in English, occasionally in French.
Includes original articles and discussions; signed book reviews, including short notices; list of publications received for review; meeting announcements and news.
Annual author index and table of contents.
Abstracted or indexed by: LLBA.

JOURNAL OF LINGUISTICS 3:76

1965- Annual $9.00/Yr.
Cambridge University Press
Bentley House
200 Euston Rd., London, N.W. 1, England
U.S.A.: 32 East 57th St., New York, N.Y. 10022

Research journal of linguistics emphasizing articles of general theoretical interest. Carries articles that have underlying theoretical significance for the area of hearing-language-speech. Publication of the Linguistics Association of Great Britain.
Articles normally written in English, but may also be in French, German, or Russian. (All articles in Vols. 1-2, Vol. 3, pt. 1 are in English.)
Includes original articles; signed book reviews (long reviews and shorter notices).
Annual list of contents alphabetized by author in two sections: articles, notes, and discussions; reviews and shorter notices.
Abstracted or indexed by: dsh, LLBA.

LANGUAGE 3:77

1924- Quarterly $8.00/Yr. (Required membership including journal)
A.A. Hill, Secretary
Linguistic Society of America
Box 8120, University Station, Austin, Tex. 78712

Research journal devoted largely to structural aspects of linguistics but with an occasional article on more biologic language behavior. Publication of Linguistic Society of America.
Articles in English.
Includes original articles; signed book reviews; news. Supplements include Language Monographs, Language Dissertations, Bulletins. Bulletin issue contains proceedings of the Society and a list of its members.
Annual table of contents. Cumulative indexes are divided into six sections: author with title; articles and supplements (title, author); writers reviewed; books reviewed; topics and languages; notes. Index to Vols. 36-40 (1960-1964) is supplement to Vol. 42, No. 4.
Abstracted or indexed by: dsh, LLBA, SA.

3:78 LINGUISTIC REPORTER

1959- Bimonthly $1.50/Yr.
Center for Applied Linguistics
1717 Massachusetts Ave., N.W., Washington, D.C. 20036

Newsletter of the Center for Applied Linguistics, with field of interest extending to the related language sciences.
Articles in English and occasionally in French.
Includes original articles; news; book and periodical reviews; meeting announcements. Occasional supplements are issued, making available a document or report which is felt to merit wider distribution at the time.
Annual author indexes for Articles and for Publications Noted; subject indexes for Languages and Linguistics and for Institutions, Organizations, Activities.
Indexed by: LingB. Abstracted selectively by Linguistics (The Hague) and Language-Teaching Abstracts (British Council, London).

3:79 LINGUISTICS

1963- Irregular* $3.00/Issue
Mouton and Company
P.O. Box 1132, The Hague, The Netherlands

Research journal covering all areas of linguistics. Some articles carry into applied areas of language acquisition and development and language disorders.
Articles in English, German, or French.
Includes original articles and signed book reviews. One of the issues is Linguistic Abstracts (SEE separate entry).
Table of contents with each issue.
Abstracted or indexed by: LLBA and Linguistic Abstracts.

*Usually monthly, but depends on number of articles received for publication. At present maximally 9 per calendar year.

Mental Retardation

AMERICAN JOURNAL OF MENTAL DEFICIENCY 3:80

1896- Bimonthly $18.00/Yr.
Business Office
American Journal of Mental Deficiency
5201 Connecticut Ave., N.W., Washington, D.C. 20015

Research journal emphasizing objective, scientific, experimental and theoretical approach toward pure rather than applied research in mental deficiency. Carries frequent articles relating to hearing-language-speech. Publication of the American Association on Mental Deficiency.
Articles in English.
Includes original articles; book reviews; letters. Monograph supplements appear irregularly.
Annual author index and index to advertisers.
Abstracted or indexed by: dsh, IM, BA, CD, DA, ExM, LLBA, MR, PA, SCI.

MENTAL RETARDATION 3:81

1963- Bimonthly $5.00/Yr.
American Association on Mental Deficiency
5201 Connecticut Ave., N.W., Washington, D.C. 20015

Professional journal for persons of various disciplines working or interested in the area of mental retardation. Carries some articles on teaching aids and speech and hearing programs for the mentally retarded. Publication of the American Association on Mental Deficiency.
Articles in English.
Includes original articles; book reviews; letters; news; obits; meeting reports and announcements; employment exchange notices.
Annual index to articles and departments.
Abstracted or indexed by: dsh, IM, LLBA, MR, PA.

Neurology, Neurosurgery, and Psychiatry

3:82 BRAIN, JOURNAL OF NEUROLOGY

1878- Quarterly $12.00/Yr.
Publisher: Macmillan (Journals) Limited
4 Little Essex St., W.C. 2, London, England
Agent U.S.A.: St. Martin's Press, Inc.
175 Fifth Ave., New York, N.Y. 10018

Research journal of neurology. Carries articles on normal and pathologic brain functions in language, speech, and audition.
Articles in English.
Includes original articles; book reviews; meeting announcements.
Annual author and subject indexes.
Abstracted or indexed by: dsh, IM, BA, CA, DA, ExM, LLBA, MR, PA, SCI.

3:83 BRAIN RESEARCH

1966- Monthly $20.00/Vol. (5 Vols./Yr.)
Elsevier Publishing Company
P.O. Box 211, Amsterdam, The Netherlands

International multidisciplinary journal devoted to fundamental research in the brain sciences including articles on neuroanatomy, neurochemistry, neurophysiology, neuroendocrinology, neuropharmacology, neurocommunications, behavioral sciences, molecular neurology, and cybernetics.
Articles are usually in English although acceptable in German or French if accompanied by English summary.
Includes original research reports and short communications; review articles; book reviews; meeting announcements.
Author and subject indexes with each volume.
Abstracted or indexed by: IM, BA.

3:84 CONFINIA NEUROLOGICA

1938- Monthly $15.50/Yr.
Publisher: S. Karger
Arnold-Boecklin-Strasse 25, 4000 Basel 11, Switzerland
Agent U.S.A.: Albert J. Phiebig
P.O. Box 352, White Plains, N.Y. 10602

Research journal, covering the "borderlands of neurology" and carrying some articles on otolaryngology, language disorders, and related cerebral disorders. Publication of the International Society for Stereoencephalotomy.
Articles in English, German, or French; summaries in English.
Includes original articles; book reviews; meeting reports.
Annual author index.
Abstracted or indexed by: dsh, IM, BA, DA, ExM, LLBA, OR, SCI.

CORTEX 3:85

1965- Quarterly $13.00/Yr.
La Tipografica Varese
Via Tonale 49, Varese, Italy

Research journal devoted to study of nervous system and behavior, with special reference to the effects of brain lesions. Carries many articles on aphasia and language disorders.
Articles usually in English, but may be in French, German, Italian or Spanish. All summaries must be in language of article and in English.
Contains original articles.
Annual author and title index.
Abstracted or indexed by: dsh, ExM, LLBA, PA.

ELECTROENCEPHALOGRAPHY AND CLINICAL NEUROPHYSIOLOGY 3:86

1949- Monthly $9.75/Vol. (2 Vols./Yr.)
Elsevier Publishing Company
Box 211
Amsterdam, Netherlands

Research journal primarily concerned with electrical activity of the brain. Also covers studies of spinal and peripheral nervous and muscular sytems. Carries articles on auditory physiology. Official organ of the International Federation of Societies for Electroencephalography and Clinical Neurophysiology.
Articles primarily in English (upon exception in French and German); summaries appear in English, German, or French.
Includes original main articles, clinical and laboratory notes, and technical notes; signed book reviews; meeting and other pertinent announcements; abstracts from the proceedings of individual EEG societies and from Soviet literature. Also, Index to Current Literature, a quarterly supplement. Carries other supplements (26 published up to 1967) such as selected proceedings of the International EEG Congresses, symposia and monographs.
Author and subject indexes and table to departmental contents with each volume.
Abstracted or indexed by: IM, BA, CD, ExM, LLBA, PA, SCI.

3:87 JOURNAL OF NERVOUS AND MENTAL DISEASE

1874- Monthly $15.00/Yr. (2 Vols./Yr.)
Williams and Wilkins Company
428 East Preston St., Baltimore, Md. 21202

Research journal of neuropsychiatry. Carries some articles on speech and hearing disturbances and their relation to nervous diseases. Sponsored by The Psychiatric Institute, University of Maryland.
Articles in English.
Includes empirical studies of behavior; comprehensive reviews of major fields; original theoretical articles; signed book reviews and list of selected books received; obits.
Author and subject index with each volume.
Abstracted or indexed by: dsh, IM, BA, CD, ExM, LLBA, MR, PA, SA, SCI.

3:88 JOURNAL OF NEUROLOGY, NEUROSURGERY AND PSYCHIATRY

1938- Bimonthly $14.00/Yr.
British Medical Association
Tavistock Square, London W.C. 1, England

Research journal covering various aspects of neurology, neurosurgery, and psychiatry. Carries some articles on speech and audiology. Publication of the British Medical Association.
Articles in English.
Includes original articles; book reviews; meeting announcements.
Annual author and modified title index.
Abstracted or indexed by: dsh, IM, BA, ExM, LLBA, MR, PA, SCI.

3:89 JOURNAL OF NEUROSURGERY

1944- Monthly $21.00/Yr. (2 Vols./Yr.)
Dr. Paul C. Bucy, Director of Publications
Suite 1230
251 East Chicago Ave., Chicago, Ill. 60611

Journal of basic research and clinical studies related to neurosurgery in the broad sense. Carries many articles on acoustic tumors, brain tumors, and extracranial aneurysms and some on various neurosurgical manipulations of the hearing and speech apparatus. Publication of the American Association of Neurological Surgeons.
Articles in English (contributors from throughout the world).
Includes original articles; case reports; technical notes; neurosurgical techniques; book reviews; meeting announcements; editorials.
Author and subject index with each volume.
Abstracted or indexed by: dsh, IM, BA, ExM, MR, SCI.

NEUROLOGY 3:90

1951- Monthly $15.00/Yr.
65th at Valley View Rd., Southdale Park, Minneapolis, Minn. 55435

Research journal of neurology and its cognate fields. Carries articles on neurologic aspects of hearing and occasionally on aphasia and dyslexia. Official journal of the American Academy of Neurology.
Articles in English.
Includes original articles; book reviews; news; signed abstracts of papers of the American Academy of Neurology.
Annual author and subject indexes.
Abstracted or indexed by: dsh, IM, BA, ExM, LLBA, MR, PA, SCI.

NEUROPSYCHOLOGIA 3:91

1963- Quarterly $30.00/Yr.
Pergamon Press
44-01 21st St., Long Island City, N.Y. 11101

International journal of research dealing with the psychological implications of injury or disease of the brain and particularly with disorders of language, perception, and action. Contributions are from the fields of neurophysiology and experimental and genetic psychology.
Articles in English, French, or German; summaries in English, French, and German.
Includes original articles; book reviews; meeting reports.
Annual author index.
Abstracted or indexed by: ExM, SCI.

Oral and Plastic Surgery; Dentistry

BRITISH JOURNAL OF ORAL SURGERY 3:92

1963- 3 times/Yr. 63s./Yr.
E. and S. Livingstone, Ltd.
Teviot Place, Edinburgh 1, Scotland

Research journal of oral surgery. Carries occasional articles on cleft lip and palate. Publication of the British Association of Oral Surgeons.
Articles in English.
Includes original articles; book reviews; meeting announcements; obits.
Annual author and subject indexes.
Abstracted or indexed by: IM, DA, OR.

3:93 BRITISH JOURNAL OF PLASTIC SURGERY●

1948- Quarterly 80s./Yr.
Publisher: E. and S. Livingstone
Teviot Place, Edinburgh, Scotland
Agent U.S.A.: Williams and Wilkins Company
428 East Preston St., Baltimore, Md. 21202

Research journal of plastic surgery. Carries articles on cleft lip and palate. Publication of the British Association of Plastic Surgeons.
Articles in English.
Includes original articles; periodical and book reviews; news.
Annual author and subject index.
Abstracted or indexed by: IM, BA, DA, ExM, OR.

3:94 JOURNAL OF DENTAL RESEARCH

1919- Bimonthly $30.00/Yr.
Marian Luehring
American Dental Association Subscription Department
211 East Chicago Ave., Chicago, Ill. 60611

Research journal dealing with the oral cavity, its contents and contiguous parts, and its relation to the total human organism. Occasionally has articles on cleft lip and palate. Official publication of the International Association for Dental Research.
Articles in English.
Includes original articles; news; editorials; research annotations. Averages three supplements per year such as Proceedings of the Third International Conference on Oral Biology and the National Conference on Dental Research and Education - Impact of Research on Dental Education.
Annual author and subject index.
Abstracted or indexed by: dsh, IM, BA, CD, OR, SCI.

3:95 ORAL SURGERY, ORAL MEDICINE AND ORAL PATHOLOGY

1948- Monthly $20.00/Yr. (2 Vols./Yr.)
C.V. Mosby Company
3207 Washington Blvd., St. Louis, Mo. 63103

Research journal covering all aspects of oral surgery, oral medicine, and oral pathology. Occasional articles on cleft palate. Official publication of the following organizations: New England Society of Oral Surgeons, American Institute of Oral Biology, American Academy of Oral Pathology, American Association of Clinical Oral Pathology, Southern California Academy of Oral Pathology, American Academy of Oral Roentgenology, and American Association of Endodontists.
Articles in English.
Includes original articles; book reviews; signed abstracts of current literature; editorials; meeting announcements. Also, section on oral surgery, medicine, and pathology by the Armed Forces and Public Health Service. Has irregular supplements.
Author and subject indexes with each volume.
Abstracted or indexed by: dsh, IM, BA, OR, SCI.

PLASTIC AND RECONSTRUCTIVE SURGERY • 3:96

1946- Monthly $15.00/Yr. (2 Vols./Yr.)
Williams and Wilkins Company
428 East Preston St., Baltimore, Md. 21202

Research journal on all phases of plastic surgery. Carries articles on cleft lip and palate, pharyngeal flaps, and other features of hearing and speech apparatus for which corrective surgery is performed. Publication of the American Society of Plastic and Reconstructive Surgeons. Official organ of the American Association of Plastic Surgeons.
Articles in English.
Includes original articles; editorials; book reviews; meeting announcements. Also, a monthly section of signed abstracts called International Abstracts of Plastic and Reconstructive Surgery (SEE under separate entry).
Author and title-derived subject index with each volume. Also, separate index of the same type for abstracts. Cumulative author and subject index for Vols. 27-36 (1961-1965) of the journal and of the abstracts.
Abstracted or indexed by: IM, DA, ExM, OR, SCI.

Pathology

ARCHIVES OF PATHOLOGY 3:97

1926- Monthly $12.00/Yr. (2 Vols./Yr.)
American Medical Association
535 North Dearborn St., Chicago, Ill. 60610

Research-oriented journal of pathology. Carries a few articles of direct involvement with the organs of hearing and speech and others with broad implication for hearing-language-speech functions. Official publication of the American Society for Experimental Pathology.
Articles in English.
Includes original articles; book reviews; meeting announcements; news; letters.
Author and subject indexes with each volume.
Abstracted or indexed by: IM, BA, DA, ExM, OR, SCI.

Physical Medicine and Rehabilitation

3:98 AMERICAN JOURNAL OF PHYSICAL MEDICINE

1952- Bimonthly $9.00/Yr.
Williams and Wilkins Company
428 East Preston St., Baltimore, Md. 21202

Research journal of physical medicine including some articles on the physiologic effects of sound and the effects of physical features of the environment on hearing-language-speech functions.
Articles in English.
Includes original articles; book reviews; news; product reviews.
Annual author index, modified title index, and table of contents.
Abstracted or indexed by: dsh, IM, DA, ExM, PA.

3:99 ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION

1920- Monthly $15.00/Yr.
30 North Michigan Ave., Chicago, Ill. 60602

Research journal containing scientific articles in the field of physical medicine and rehabilitation. Carries occasional articles on hearing-language-speech functions and a few general articles applicable to management of disorders in this area. Official journal of the American Congress of Rehabilitation Medicine and of the American Academy of Physical Medicine and Rehabilitation.
Articles in English.
Includes original articles; section on prosthetics, orthotics and devices; clinical notes; book reviews; abstracts of selected literature; meeting reports; news.
Annual author and subject indexes and index to advertisers.
Abstracted or indexed by: dsh, IM, BA, ExM.

3:100 JOURNAL OF REHABILITATION

1935- Bimonthly $5.00/Yr. (Free to members of association)
National Rehabilitation Association
1522 K St., N.W., Washington, D.C. 20005

Journal of rehabilitation for state and federal rehabilitation employees; physicians; nurses; psychologists; occupational, physical, and speech therapists; social workers; specialists for the blind, deaf, and crippled. This journal is the only professional magazine which covers the rehabilitation field in general. Carries articles on speech and hearing rehabilitation. Official publication of the National Rehabilitation Association.
Articles in English.
Regular departments include Research Briefs; Rehabilitation News; Reader's Forum; notes about NRA members; Roundup of NRA regional conferences; Rehabilitation Reading. Also, selected proceedings from NRA Conferences.
Abstracted or indexed by: dsh, IM, ExM, LLBA, MR, PA.

REHABILITATION RECORD 3:101

1960- Bimonthly $1.75/Yr.
Superintendent of Documents
U.S. Government Printing Office
Washington, D.C. 20402

Journal for educated laymen and professionals. Content has varying relevance for the rehabilitation of persons with communication disorders. Publication of the Rehabilitation Services Administration.
Articles in English.
Includes original articles; book reviews; meeting reports; news.
Annual author and subject indexes.
Abstracted or indexed by: dsh, IM, ExM, MR.

Physiology

JOURNAL OF APPLIED PHYSIOLOGY® 3:102

1948- Monthly $35.00/Yr. (2 Vols./Yr.)
9650 Rockville Pike, Bethesda, Md. 20014

Research journal of applied physiology reporting many metabolic, cardiovascular, and respiratory studies. Carries a few articles on auditory stimulation and on phonation. Publication of the American Physiological Society.
Articles in English.
Contains original articles.
Author and subject indexes with each volume.
Abstracted or indexed by: dsh, IM, BA, CD, ExM, PA, SCI.

JOURNAL OF NEUROPHYSIOLOGY 3:103

1938- Bimonthly $18.00/Yr.
9650 Rockville Pike, Bethesda, Md. 20014

Research journal devoted to experimental studies of the functions of the central and peripheral nervous system. Carries basic articles on the neurophysiology of the auditory system. Publication of the American Physiological Society.
Articles in English.
Includes original articles and meeting announcements.
Annual author and subject index.
Abstracted or indexed by: dsh, IM, BA, LLBA, MR, PA, SCI.

3:104 JOURNAL OF PHYSIOLOGY

1878- Monthly $114.00/Yr. (Usually 6 Vols./Yr.)
Cambridge University Press
200 Euston Rd., London, N.W. 1, England
U.S.A.: 32 E. 57th St., New York, N.Y. 10022

Research journal of physiology. Carries some articles on physiology of hearing and speech systems. Publication of the Physiological Society of Great Britain.
Articles in English.
Contains original articles. Also, Proceedings of the Physiological Society of Great Britain.
Author and subject indexes; table of contents for articles and for proceedings with each volume. Latest cumulative index is for Vols. 155-175 (1961-1964).
Abstracted or indexed by: IM, BA, CA, SCI.

Psychology

3:105 AMERICAN JOURNAL OF PSYCHOLOGY ●

1887- Quarterly $7.00/Yr.
Mezes Hall 102
University of Texas
Austin, Tex. 78712

Professional journal largely of experimental psychology but open to all fields of scientific psychology. Carries some articles directly related to hearing-language-speech and others broadly supportive of this area.
Articles in English.
Includes original articles; book reviews; minor communications; product reviews; notes and discussions.
Annual author and subject indexes.
Abstracted or indexed by: dsh, IM, BA, LLBA, PA, SA, SCI.

3:106 CANADIAN JOURNAL OF PSYCHOLOGY

1947- Bimonthly $10.00/Yr.
Canadian Psychological Association
The Secretary-Treasurer, Suite 210
225 Lisgar St., Ottawa, Ontario, Canada

Research journal with experimental and theoretical articles in all fields of psychology. Includes articles on perception and learning with relevance for the area of hearing-language-speech. Publication of Canadian Psychological Association.
Articles in English or French; summaries in English and French.
Includes original articles.
Annual author index.
Abstracted or indexed by: dsh, IM, BA, CA, DA, ExM, LLBA, MR, PA.

HUMAN RELATIONS 3:107

1947- Quarterly $12.00/Yr.
Plenum Publishing Company, Ltd.
Ansvar House, London Road, Wembley, England
U.S.A.: Plenum Publishing Corporation
227 West 17th St., New York, N.Y. 10011

Research journal containing papers directed towards the integration of the social sciences. Includes articles on systems analysis, decision-making, group dynamics, operations research, and like areas of human communication. Sponsored by the Tavistock Institute of Human Relations and the Research Center for Group Dynamics.
Articles in English.
Contains original articles.
Abstracted or indexed by: dsh, CD, PA, SA.

JOURNAL OF ABNORMAL PSYCHOLOGY 3:108

1906- Bimonthly $10.00/Yr.
American Psychological Association
1200 17th St., N.W., Washington, D.C. 20036

Journal devoted to basic research and theory in the broad field of abnormal behavior, its determinants, and its correlates. The following general topics fall within its area of major focus: psychopathology - its development, symptomatology, course, and treatment or remission; normal processes in abnormal individuals; pathological or atypical features of the behavior of normal persons; experimental studies, with human or animal subjects, relating to emotional behavior or pathology; social or group effects on adjustment and pathological processes; tests of hypotheses from psychoanalytic or other psychological theory. Carries some articles on hearing-language-speech in relationship to abnormal psychology. Publication of the American Psychological Association.
Articles in English.
Contains original articles.
Annual list of contents, alphabetical by author, with article title.
Abstracted or indexed by: dsh, IM, CD, ExM, MR, PA, SCI.

JOURNAL OF COMPARATIVE AND PHYSIOLOGICAL PSYCHOLOGY 3:109

1947- Monthly $20.00/Yr. (2 Vols./Yr.)
American Psychological Association
1200 17th St., N.W., Washington, D.C. 20036

Journal of original research in physiological, comparative, and sensory psychology. Carries some articles on auditory stimulation and auditory function which are relevant for the area of hearing-language-speech. Publication of the American Psychological Association.
Articles in English.
Contains major articles and supplementary reports (replications or extensions of specific previous studies).
Author index with each volume also giving article titles.
Abstracted or indexed by: dsh, IM, BA, CD, LLBA, MR, OR, PA, SCI.

3:110 JOURNAL OF CONSULTING AND CLINICAL PSYCHOLOGY

1937- Bimonthly $10.00/Yr.
American Psychological Association
1200 17th St., N.W., Washington, D.C. 20036

Research journal in adult and child clinical psychology, carrying experimental, theoretical, and practical articles. Includes studies with relevance for measurement and testing of language and speech behavior. Publication of the American Psychological Association.

Articles in English.

Contains original articles, including major articles, Notes and Comments (short communications and articles), and Brief Reports (one-page). Also, List of Manuscripts Accepted (titles which will eventually be published in the Journal).

Annual author index with article titles.

Abstracted or indexed by: dsh, IM, CD, ExM, MR, PA, SCI.

3:111 JOURNAL OF EDUCATIONAL PSYCHOLOGY

1910- Bimonthly $10.00/Yr.
American Psychological Association
1200 17th St., N.W., Washington, D.C. 20036

Research journal dealing with learning, teaching, and the psychological development, relationships, and adjustment of the individual. Preference is given to studies of the more complex types of behavior, especially in or relating to educational settings. Carries articles on hearing-language-speech in relation to reading and language learning. Publication of the American Psychological Association.

Articles in English.

Contains original articles.

Annual author index.

Abstracted or indexed by: dsh, IM, BA, LLBA, MR, PA, SA, SCI.

JOURNAL OF THE EXPERIMENTAL ANALYSIS OF BEHAVIOR 3:112

1958- Bimonthly $16.00/Yr.
Mrs. Kay Dinsmoor
Business Manager (the Journal)
Department of Psychology
Indiana University
Bloomington, Ind. 47401

Research journal of experiments mostly with the higher vertebrates and relevant to behavior of individual organisms. Includes some articles on auditory discrimination and conditioning. Publication of the Society for the Experimental Analysis of Behavior.
Articles in English.
Includes original articles and technical notes with occasional theoretical or review articles; book reviews; announcements.
Annual subject index; table of contents that serves as author index. Cumulative index for Vols. 1-10, (1958-1967) has author and subject indexes; a "reference index" to the authors of items cited within Journal articles; and a complete listing of tables of contents of issues. The Reference Index provides a 55-page citation index to the first decade of the Journal. Removable index cards with author abstract and subject descriptors for each article accompany each issue.
Abstracted or indexed by: dsh, IM, BA, CA, LLBA, MR, PA, SCI.

JOURNAL OF EXPERIMENTAL PSYCHOLOGY 3:113

1916- Monthly $10.00/Vol. (3 Vols./Yr.)
American Psychological Association
1200 17th St., N.W., Washington, D.C. 20036

Research journal of experimental psychology favoring studies with normal human subjects over studies involving abnormal or animal subjects, except when the latter are specifically oriented toward the extension of psychological theory. Carries some articles on the perceptual and cognitive aspects of hearing-language-speech. Publication of the American Psychological Association.
Articles in English.
Contains original articles. Also, list of manuscripts accepted.
List of contents with each volume, alphabetical by author, with article title.
Abstracted or indexed by: dsh, IM, LLBA, MR, PA, SCI.

JOURNAL OF GENERAL PSYCHOLOGY 3:114

1928- Quarterly $20.00/Yr. (2 Vols./Yr.)
Journal Press
2 Commercial St., Provincetown, Mass. 02657

Journal devoted primarily to experimental, theoretical, clinical, and historical psychology. Carries articles on topics in the hearing-language-speech area such as auditory perception and verbal performance.
Articles in English.
Includes original articles; letters; books received.
Author index and table of contents with each volume.
Abstracted or indexed by: dsh, IM, ExM, LLBA, MR, PA, SCI.

3:115 JOURNAL OF GENETIC PSYCHOLOGY

1891- Quarterly $20.00 (2 Vols./Yr.)
The Journal Press
2 Commercial St., Provincetown, Massachusetts 02657

Journal of genetic psychology devoted to child behavior, animal behavior, and the problems of aging. Carries articles on topics in the hearing-language-speech area such as verbal learning and conditioning in retarded and normal children.
Articles in English.
Includes original articles and list of books received.
Author index and table of contents with each volume.
Abstracted or indexed by: dsh, IM, CD, ExM, LLBA, MR, PA, SCI.

3:116 JOURNAL OF PSYCHOLOGY

1935- Bimonthly $30.00/Yr. (3 Vols./Yr.)
Journal Press
2 Commercial St., Provincetown, Mass. 02657

Research journal of psychology offering a short publication lag and a minimum of editing for the publication of timely material. Carries articles on subjects in the hearing-language-speech area such as auditory perception and verbal behavior.
Articles in English.
Contains original articles, printed in order of final acceptance.
Author index and table of contents with each volume.
Abstracted or indexed by: IM, ExM, LLBA, MR, PA, SCI.

3:117 MERRILL-PALMER QUARTERLY OF BEHAVIOR AND DEVELOPMENT

1954- Quarterly $4.00/Yr.
The Merrill-Palmer Institute
71 East Ferry Ave., Detroit, Mich. 48202

Research journal of behavior and development, drawing content from the various disciplines bearing on human development, personality, and social relations. Carries articles involved with the development of language and communicative processes. Publication of The Merrill-Palmer Institute.
Articles in English.
Contains original articles, including critical review articles; signed book reviews.
Cumulative author index usually appears every two years.
Abstracted or indexed by: dsh, BA, CD, LLBA, MR, PA, SA.

PSYCHOLOGICAL RECORD 3:118

1937- Quarterly $6.00/Yr.
Denison University
Granville, Ohio 43023

Research journal which publishes theoretical and experimental articles, commentary on current developments, and descriptions of research planned or in progress. Emphasizes its critical function in psychology and favors papers that develop new approaches to the study of behavior and new methodologies, and which undertake critiques of existing approaches and methods. Carries some articles on hearing-language-speech.
Articles in English.
Includes original articles; signed book reviews; list of books received.
Annual author indexes for articles and book reviews.
Abstracted or indexed by: dsh, BA, CD, LLBA, MR, PA, SA, SCI.

PSYCHONOMIC SCIENCE 3:119

1964- 3 times/Month $10.00/Vol. (4 Vols./Yr.)
Psychonomic Press
Box 38, Goleta, Calif. 93017

Research journal of experimental psychology covering the fields of perception and performance, human learning and thinking, animal and physiological psychology, and animal behavior. Carries many articles relating to human communication, including some specifically on audiology.
Articles in English.
Contains original articles.
With each volume, author index and table of contents with titles listed under broad subject headings.
Abstracted or indexed by: dsh, CD, LLBA, PA.

QUARTERLY JOURNAL OF EXPERIMENTAL PSYCHOLOGY 3:120

1948- Quarterly 60s./Yr.
W. Heffer and Sons Ltd.
Petty Cury
Cambridge, England

Research journal of experimental psychology. Carries many studies of sensory and cognitive aspects of hearing-language-speech in humans and animals. Publication of the Experimental Psychology Society.
Articles in English.
Contains original articles, including experimental articles, special articles, shorter articles and notes, and notes on apparatus; signed book reviews; list of publications received. Also carries report on the Proceedings of the Experimental Psychology Society.
Abstracted or indexed by: dsh, IM, BA, ExM, LLBA, PA, SCI.

Reading

3:121 JOURNAL OF READING

1957- 8 times/Yr. $8.00/Yr.
*International Reading Association
Box 695, Newark, Del. 19711

Professional journal for the improvement of reading in high school, college, and adult programs. Carries some articles with relevance for dyslexia. Publication of the International Reading Association.
Articles in English.
Includes original articles; signed book reviews; news and notes. Two types of news reports appear in alternate issues in column entitled "What's New Here?" (news from the States; news from the Capitol); interviews of leading figures in education; commentary on reading from multimedia; reviews of professional and commercial materials; reviews of research; reports from ERIC/CRIER.
Annual author and title indexes. Also, indexes of reviews (alphabetical by author being reviewed) and reviewers.
Abstracted or indexed by: EI, PA.

*Microfilm edition available from University Microfilms, 302 North Zeeb Rd. Ann Arbor, Mich. 48103.

3:122 READING RESEARCH QUARTERLY

1965- Quarterly $10.00/Yr.
International Reading Association
Box 695, Newark, Del. 19711

Journal of reading research which reports experimental, statistical, and technical articles as well as integrative, critical, and comprehensive reviews of the literature in reading. Aims to provide a forum for reading research and theories of the reading process. Carries some articles on dyslexia. Publication of the International Reading Association.
Articles in English; abstracts in English, French, and Spanish.
Includes original articles and book reviews. Also, critical assessments of new tests and measuring instruments.
Abstracted or indexed by: LLBA.

READING TEACHER 3:123

1953- 8 times/Yr. $8.00/Yr.
International Reading Association
P.O. Box 695, Newark, Del. 19711

Professional journal devoted to all aspects of reading in the elementary school. Includes articles with relevance for hearing-language-speech in children. Publication of the International Reading Association.
Articles in English.
Includes original articles and the following sections which appear regularly: In Other Magazines (abstracts); The Clip Sheet (news); President's Report; Interesting Books; Literature for Children (reviews of children's books); Research; Eric/Crier; meeting announcements; editorials. Also, List of International Reading Association officers, directors, and committee chairmen in each issue.
Annual author index. If article is anonymous, title entry appears. Some title names are cross-indexed to the author entry.
Abstracted or indexed by: LLBA.

Sensory Physiology and Perception

CONTRIBUTIONS TO SENSORY PHYSIOLOGY● 3:124

*1965- Irregular (Price varies)
Academic Press Inc.
111 Fifth Ave., New York, N.Y. 10003

Research series for detailed experimental and theoretical works on the physiological basis of sensation. Sensory physiology is broadly defined to range in approach from microanatomy to psychophysics.
Articles in English.
Each volume is a book of about 5 separate contributions. Volumes have included articles on hearing and vestibular function such as: Cellular Pattern, Nerve Structures, and Fluid Spaces of the Organ of Corti (Vol. 1); Psychophysical Studies of Vestibular Function (Vol. 1); The Evolution of Vertebrate Hearing (Vol. 2).
Author and subject indexes with each volume.
Abstracted or indexed by: Undetermined.

*Vol. 1, 1965, 274p., $7.50. Vol. 2, 1967, 263p., $9.00.

3:125 PERCEPTION AND PSYCHOPHYSICS

1966- Monthly (Usually in two parts) $20.00/Yr. (2 Vols./Yr.)
1404 Ethridge Ave., Austin, Tex. 78703

Research journal devoted primarily to publication of experimental investigations of sensory processes, perception, and psychophysics. Publishes studies that employ either human or animal subjects. Carries many articles on hearing, speech perception, and attention. Published in cooperation with the Psychonomic Society.
Articles in English.
Carries original articles.
Subject index with each volume.
Abstracted or indexed by: BPI, LLBA, PA.

3:126 PERCEPTUAL AND MOTOR SKILLS

1949- Bimonthly $15.00/Vol. (2 Vols./Yr.)
Southern Universities Press
Box 1441, Missoula, Mont. 59801

Research journal of experimental and theoretical aspects of perception and motor skills with interdisciplinary approach covering anthropology, physical education and therapy, orthopedics, and time and motion study. Carries many articles relating to hearing and speech. Sponsored by University of Montana.
Articles in English.
Includes original articles; book reviews.
Author index with each volume.
Abstracted or indexed by: dsh, IM, BA, CD, DA, LLBA, PA, SCI.

Speech and Communication (Arts and Science)

JOURNAL OF COMMUNICATION● 3:127

1950- Quarterly $8.00/Yr.
Mark L. Knapp, Business Manager
University of Wisconsin, Milwaukee
Milwaukee, Wis. 53211

Professional journal using interdisciplinary approach to study of communication in human relations. Draws upon many interrelated areas such as communication theory, experimental psychology, information retrieval, nonverbal and oral communication, speech, mass and small-group communications, and psycholinguistics. Publication of the National Society for the Study of Communication.
Articles in English.
Includes original articles; periodical, book, and film reviews; meeting announcements; notes on authors. Directory of the National Society of Communication is an annual supplement (SEE separate entry).
Annual author index. Cumulative index by broad subject headings for Vols. 1-10, (1952-1960).
Abstracted or indexed by: dsh, IM, EdI, LLBA, PA.

QUARTERLY JOURNAL OF SPEECH 3:128

1915- 4 times/Yr. $12.50/Yr.
Dr. William Work, Secretary
Speech Association of America
Statler Hilton Hotel
New York, N.Y. 10001

Research journal of speech. Covers all aspects of speech including rhetoric; public address; group communications; debate; homiletics; radio, television, and films; drama; interpretation; behavioral sciences; speech pathology and audiology; phonetics, linguistics, and voice science. Publication of the Speech Association of America.
Articles in English.
Includes original articles; signed book reviews; letters; announcements. About 5-10 per cent of the books reviewed in 1967 were in the field of speech pathology and audiology.
Annual author and title indexes for articles and for book reviews. Cumulative index for Vols. 1-40 (1915-1954).
Abstracted or indexed by: dsh, EdI, LLBA.

3:129 SPEECH MONOGRAPHS

1934- Quarterly $12.50/Yr.
Speech Association of America
Statler Hilton Hotel, New York, N.Y. 10001

Professional research journal of speech. Carries some articles on speech and hearing disorders. Publication of the Speech Association of America.
Articles in English.
Contains original articles. The August issue each year also includes:
(1) Abstracts of Dissertations in the field of Speech (for the previous year).
(2) Graduate Theses (MA and PhD): An Index of Graduate Work in Speech, containing (a) table of institutions reporting master's degrees and doctoral degrees--number granted in the previous year and the accumulated total, (b) list by schools, with names of the authors arranged alphabetically under each type of degree granted by each school, (c) list by subject matter. For 1966 by subject matter, 15 per cent are on speech and hearing disorders and 6.5 per cent on fundamentals of speech. Other headings include theatre, public address, speech education, interpretation, radio, TV, and film.
Annual author index.
Abstracted or indexed by: dsh, BA, EdI, LLBA, PA, MLA.

3:130 SPEECH TEACHER

1952- 4 times/Yr. $10.00/Yr.
William Work, Executive Secretary
Speech Association of America
Statler Hilton Hotel
New York, N.Y. 10001

Educational journal covering the teaching of speech from kindergarten to university; concerned with theory, principles, methods, developments in curricular and extracurricular activities. Publication of the Speech Association of America.
Articles in English.
Includes original articles; periodical and book reviews.
Annual author, title, and book review indexes.
Abstracted or indexed by: dsh, EdI, LLBA.

TODAY'S SPEECH 3:131

1953- Quarterly $2.50/Yr.
Department of Speech
Emerson College
Boston, Mass. 02116

Quasi-professional journal of rhetoric, dramatics, and other aspects of speech including speech therapy. Publication of the Speech Association of the Eastern States.
Articles in English.
Includes a research article; short stories; interviews; book reviews.
Annual author index
Abstracted or indexed by: dsh, LLBA.

Telecommunication

BELL LABORATORIES RECORD 3:132

1925- Monthly $4.00/Yr.
Bell Laboratories Record
Bell Telephone Laboratories, Inc.
Mountain Ave., Murray Hill, N.J. 07974

Internal/external house organ containing articles on research, development, and engineering design related to advances in communication by telephone and other technical means. Carries some articles directly descriptive of hearing-language-speech and others of general support to this area in its biophysical aspects.
Articles in English.
Includes original articles; editorials; section on authors; column on items which appeared twenty and forty years ago in the Record.
Annual author, subject, and title index. Decennial index (1956-1965) of 3 parts: table of contents, listing titles in order of volume and page number; augmented permuted-title index; and combined author-title listing arranged alphabetically by author's name. Available for $1.00 from the Circulation Manager.
Abstracted or indexed by: dsh, LLBA, SCI.

INDEX & ABSTRACT PUBLICATIONS

CONTENTS

INDEXING AND ABSTRACTING PUBLICATIONS

Item

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RESEARCH IN PROGRESS 4:42

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SOURCES

This list of items was derived from guides to indexing and abstracting services and from other standard sources of libraries and information centers.

INTRODUCTION

INDEXING AND ABSTRACTING PUBLICATIONS

The section on Indexing and Abstracting Publications includes regular and irregular serials that treat current literature, research projects in progress, or professional meetings. Indexing or abstracting services that appear within journals on a continuous basis, and are substantial on their coverage, are also included.

ARRANGEMENT is with separate subsections for indexes, abstracts, research in progress, and meetings. Independently issued services are followed by any services that are published within journals. Items cognate or supplemental are placed last in each subsection. Within each smallest grouping, descriptive items are listed alphabetically by title.

HOW TO USE

1. To look for a particular kind of service, use the contents listing and scan the appropriate subsection.
2. To look for a service of known title, use the general Index to Titles at the end of this volume.

The description of each indexing or abstracting service follows a standard format to which the following information pertains:

REVIEW BY EDITORS. Nearly every descriptive item was mailed to the editor of the publication concerned for review and correction. The titles of those publications not receiving the benefit of such review by press time are followed by a black circle ● .

ACQUISITION INFORMATION follows the title of the publication. Subscription prices are subject to change.

CURRENCY OF ABSTRACTS/CITATIONS. Refers to an estimate of the average interval of time between the publication date on the cover of the primary journal and the publication date on the cover of the secondary journal unless otherwise noted.

TYPE OF ABSTRACT. In the informative abstract, the abstractor condenses the information, giving main ideas, methods, and data. In the indicative abstract, the abstractor describes content without giving qualitative and quantitative data directly from the article.

INDEXES

4:1

COMMUNICATION DISORDERS

1968- Irregular Free upon request subject to restrictions upon quantity printed

Information Center for Hearing, Speech, and Disorders of Human Communication
310 Harriet Lane Home
Johns Hopkins Medical Institutions, Baltimore, Md. 21205

Subject Coverage: Current awareness service, combining indexing and a condensed form of abstracting; covering the world literature on hearing, language, speech, reading, vestibular system, and disorders of human communication.

Currency of Entries: 2-3 months.

Publications Regularly Searched: About 1500 primary journals and secondary services in 1968.

Numbers of Entries: Increasing to about 200-300 per issue in 1968.

Exchange Agreements: None.

Arrangement: Items are numbered consecutively throughout each volume and are arranged under headings and subheadings representing areas of major interest. An additional section announces subject bibliographies and translations produced by the Information Center.

Indexes: Whether author and subject indexes are supplied for the first and subsequent volumes will depend upon user demand (questionnaire planned for autumn 1968).

Special Features: The publication is composed of print-outs from a computer-based information retrieval system. Bibliographic citations include, in addition to usual information, the institution where the work was done or the address of author; funding agency; type of document; language of document and whether English translation of foreign language is available; number of references; and "mini-abstracts." The mini-abstract is an indexing device that provides key facts from the document and is also machine-searchable.

Format: All uppercase computer print-out.

Within a Journal

4:2 R.N.I.D. [ROYAL NATIONAL INSTITUTE OF THE DEAF] LIST OF SELECTED PAPERS ON AUDIOLOGY AND ALLIED SUBJECTS.
1967- Quarterly in the journal Sound.

Listing of journals and special publications with current contents that include articles and reports on audiology and allied subjects. Selected contents from the issues of about 50 different publications, comprising about 300 references, appear in Vol. 1 (1967). Citations are primarily in English, but some are in French. Most of the papers cited are available for reference in R.N.I.D. Library.

Cognate

4:3 BEHAVIOR AND PHYSIOLOGY INDEX

*1967- Monthly $30.00
Science Search Associates
4340 Campbell St., Kansas City, Mo. 64110

Subject Coverage: Index to literature of the disciplines contributing to physiological psychology, including areas such as anatomy and physiology of the nervous system; neurology, clinical neurophysiology and electroencephalography; psychosomatics, geriatrics, personality, and environmental factors; genetics; psychochemistry and psychopharmacology.
Currency of Entries: 1 - 2 months after publication.
Publications Regularly Searched: 800 journals in 1967. Also indexes technical literature and books. List of publications cited appears in March of the following year.
Number of Entries: Nearly 5000 in 1967. Anticipate listing over 6000 citations in 1968.
Exchange Agreements: 13 secondary sources listed in 1967.
Arrangement: Entries are numbered consecutively throughout volume and appear under 13 categories: 10 broad subject headings; History, theory and general review; Techniques and methods; Books. There are SEE ALSO references by entry number from one section to another.
Indexes: Author and subject indexes and table of contents with each issue. Annual cumulative author and subject indexes.

*Volume 1 (1967), containing 9 issues, $22.50

BIBLIOGRAPHY OF MEDICAL REVIEWS • 4:4

1956- Monthly $2.25/Yr. Price varies for annual cumulations*
National Library of Medicine
8600 Wisconsin Avenue., Bethesda, Md. 20014

Subject Coverage: Comprehensive coverage of world biomedical literature meeting definition of "review" article. Includes statistical reviews and surveys by known experts but excludes reviews of cases, histories of a subject, most bibliographies, monthly summaries that appear as a feature in journals, theses, and articles in which the apparent review is only a well-documented introduction to the remainder of the paper.
Currency of Entries: Same as for Index Medicus.
Publications Regularly Searched: Same as for Index Medicus.
Number of Entries: 4590 in Vol. 12, 1967 (containing entries of 1966).
Arrangement: In subject and name sections, as in Index Medicus. Beginning in 1968, published separately as Monthly Bibliography of Medical Reviews as well as continuing as a section of monthly issues of Index Medicus. Entries to review articles also appear in the regular subject section of Index Medicus.
Indexes: Subject and name sections are indexes. There is an annual cumulation as a separate volume. Volume 6 contains entries for the period from 1955 through 1960 and supersedes the annual volumes previously published.
History: Prior to April 1965, review articles were also selected from journals not regularly indexed in Index Medicus.
Format: Same as for Index Medicus.

*Vol. 7 (1962) through Vol. 12 (1967) are paperbound. Prices: Vol. 6, $3.50; Vol. 7, $2.00; Vol. 8, $1.75; Vol. 9, out-of-print; Vols. 10-12, $1.25.
Order subscription and cumulative volumes from Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

CURRENT CONTENTS - LIFE SCIENCES 4:5

1958- Weekly $60.00/Yr.*
Institute for Scientific Information
325 Chestnut St., Philadelphia, Pa. 19106

Subject Coverage: Lists the tables of contents for journals in many areas directly and indirectly related to hearing, speech, and communication disorders. (Includes in its coverage about one third of the journals listed in Section 3 of this guide.)

Currency of Entries: Varies according to circumstances. Many in advance of publication. All foreign received by air. Average delay on domestic about one week.
Publications Regularly Searched: Presents tables of contents from more than 800 foreign and domestic research journals.
Number of Entries: Over 150,000 articles reported a year.
Arrangement: Tables of contents are in original format and are grouped broadly by journal type (multidisciplinary; chemistry; experimental; animal and plant science; clinical).
Indexes: Author index and address directory (first authors) in each issue. Also alphabetical list of journals covered in that issue. Triannual cumulative journal index and complete list of journals covered appears in first issues for May, September, and January.
Special Features: Original Article Tear Sheet service, Publishers' Address Service.
Companion Pieces: Current Contents - Physical Sciences; Current Contents - Chemical Sciences; International Directory of R and D Scientists.
History: Formerly called Current Contents - Chemical, Pharmaco-Medical and Life Sciences.

*Price to nonprofit organizations and affiliated persons.

4:6 EDUCATION INDEX

1929- Monthly Apply for price.
The H.W. Wilson Co.
950 University Ave., Bronx, N.Y. 10452

Subject Coverage: Covers wide range of educational areas. Includes work on aphasia, auditory discrimination, communication disorders, deafness, language development, reading disability, rehabilitation, and speech disorders.
Currency of Entries: Undetermined.
Publications Regularly Searched: 188 in 1967.
Number of Entries: Approximately 30,000.
Exchange Agreements: None.
Arrangement: By detailed subject headings.
Indexes: Every third issue contains a cumulation of the past 2 issues. Also annual cumulation.

INDEX TO DENTAL LITERATURE 4:7

1921- Quarterly $20.00/Yr.
4th Issue $10.00
American Dental Association
Bureau of Library and Indexing Services
211 East Chicago Ave., Chicago, Ill. 60611
and National Library of Medicine

Subject Coverage: Covers international dental literature including articles on cleft lip and palate and others relating to face and skull.

Currency of Entries: Undetermined.

Publications Regularly Searched: 348 dental journals and 847 medical and other journals in 1967. Of dental publications, 245 are not indexed by Index Medicus.

Number of Entries: 13,516 in 1967. 77 percent from dental journals and 23 percent from medical and other journals in 1967. Number of citations not also in Index Medicus is 3,266 or about one fourth.

Arrangement: In the Subject Section, citations are under alphabetical Dental Subject Headings; in the Name Section, citations are under alphabetically ordered names of authors. Arrangement, format and style are very similar to Index Medicus. Issue 2 cumulates Issue 1; Issue 3 cumulates Issue 2; and Issue 4 is a bound volume cumulating the whole.

Indexes: Subject and name sections are indexes.

Special Features: Each issue contains a list of dental publications indexed; the Bibliography of Dental Reviews with subject and name sections. Issue 4 adds an annual list of new dental books; a listing of dissertations and theses by author and by institution; a complete list of publications indexed; and an alphabetical list of Dental Subject Headings. Since 1965 the Index has been produced through the National Library of Medicine MEDLARS and GRACE systems, of which the former may be searched.

History: Volume 1 has a copyright date of 1921, although the preface was dated 1920. Early volumes spanned the literature of varying periods of years. Through 1949 the title on the spine was Index Dental Periodical Literature. In 1950, the index became the quarterly cumulative index with the title Index to Dental Literature. No foreign language literature was covered until 1962.

4:8 INDEX MEDICUS

1960-	Monthly	\$55.00/Yr.	\$5.00/Issue*
	Annual	\$38.00/Set	Cumulated Index Medicus*

National Library of Medicine
8600 Wisconsin Ave., Bethesda, Md. 20014

Subject Coverage: Comprehensive index to the world biomedical literature.

Currency of Entries: Estimated time between receipt of primary journal and mailing of Index Medicus: English language, high quality, 1-2 months; English, lesser quality, 2-3 months; foreign languages, 2 months or more.

Publications Regularly Searched: Approximately 2288 in 1968. List of journals indexed appears in Part 2 of the January issue.

Number of Entries: Approximately 169,000 in 1967.

Arrangement: In the Subject Section, citations are under alphabetical Medical Subject Headings. English-language articles are listed first, followed by foreign-language articles with listing of translated title only. In the Name Section, citations are under alphabetically ordered names of authors.

Indexes: Subject and name sections are indexes. Monthly issues of Index Medicus are cumulated annually. (Cumulated Index Medicus is issued in bound volumes that are subscribed to separately.)

Special Features: Bibliography of Medical Reviews (1955-) appears in each issue and in Cumulated Index Medicus. Medical Subject Headings (MeSH) appears as Part 2 of the January issue. It contains approximately 7,400 subject headings arranged alphabetically, with cross references, and in categorized lists. Index Medicus has been enhanced since 1964 by a computer-based information storage and retrieval system called MEDLARS, which aids in its preparation and publication. Single photocopies of articles indexed are provided through interlibrary loan when the requested article is not available in the user's local library.

Companion Pieces: Available separately are the 1968 edition of Medical Subject Headings, \$3.00; the 1968 List of Journals Indexed, \$0.75; Monthly Bibliography of Medical Reviews, \$2.25 per year (12 issues).

History: Volumes 1-5, 1960-1964, were published by the American Medical Association. Preceded by: Current List of Medical Literature and Quarterly Cumulative Index Medicus.

*Order Index Medicus and satellite publications from the Superintendent of Documents, Government Printing Office, Washington, D.C. 20402.

LINGUISTIC BIBLIOGRAPHY• 4:9

1939/1947- Now annual Price varies*
Spectrum Publishers
P.O. Box 2073, Utrecht, The Netherlands
U.S.A.: Stechert-Hafner, Inc.
31 East 10th St., New York, N.Y. 10003
(and) Publications Section
Center for Applied Linguistics
1755 Massachusetts Ave., N.W., Washington, D.C. 20036
Published by the Permanent International Committee of Linguists under the auspices of the International Council for Philosophy and Humanistic Studies.

Subject Coverage: An index mostly of works dealing with the languages of the world. A section on miscellaneous linguistics includes child language, aphasia, and speech disorders. Other areas of related interest to hearing-language-speech include linguistic theory and method, history of language, philosophy, psychology, and sociology of language.
Currency of Entries: Undetermined.
Publications Regularly Searched: Approximately 1000.
Number of Entries: 11,737 numbered entries plus cross references covering periodicals, as well as books and monographs, in Volume 20 for the literature of 1965 (the most recent volume).
Arrangement: Entries are listed alphabetically by author under broad subject headings. Cross reference numbers in italics refer to entries in previous volumes.
Indexes: Author.
Special Features: Table of contents, title page, periodical list, and section titles are in English and French.

*Vol. 20, Linguistic Bibliography for the Year 1965 and Supplement for Previous Years, 591p., $17.50.

[Vols. 19 and 20 have not been examined.--Ed.]

MENTAL HEALTH BOOK REVIEW INDEX 4:10

1956- Annual $8.00/Yr.
Paul Klapper Library
Queens College of the City University of New York
Flushing, N.Y. 11367
Published by the Council on Research in Bibliography, Inc.

Subject Coverage: Selected list of books reviewed in the open literature by specialists and organized as a bibliography by cooperating librarians. It aims at a synthesis of the significant monographic literature in the behavioral sciences by listing each book with its review sources. Some books on hearing-language-speech may be found in this list, derived not only from journals in the communication sciences but also from a great many other journals with overlapping interests.

Currency of Entries: The bulk of the books listed in each volume were published 2 years before the publication date of the INDEX; reviews are cited to April of the year of each annual volume. Currency of books or reviews is not a factor of selection for the listing. Rather, the aim is to present a body of the significant literature that is being discussed in the scientific community over a period of years.

Publications Regularly Searched: The Index is based on unpublished cumulative file of references to signed book reviews appearing in 249 journals in the English language (of which 200 are still current and publish reviews) (data for Vol. 12, 1967). About one third of these originate outside of the U.S. A revised and expanded list of these source journals appears in each annual issue.

Number of Entries: Each issue lists about 300 books, with 3 or more reviews. At least 1 review cited is from a journal in the psychological sciences: psychology, psychiatry, and psychoanalysis. Since Issue No. 1, 3,885 book entries and more than 22,000 entries for book reviews have appeared.

Arrangement: Books are listed alphabetically by author in each issue and have been numbered consecutively since the first issue. Titles previously listed and later having 3 or more additional reviews are repeated in their alphabetical place with the original number along with cross-referencing of previous issues containing reviews.

Indexes: A 12-year cumulative author-title index, 1956-1967 in preparation.

Special Features: Editorial article.

Sponsor: The World Federation for Mental Health, the International Council of Psychologists, and the New York University Research Center for the Mental Health.

4:11 NATIONAL LIBRARY OF MEDICINE CURRENT CATALOG •

1966- Biweekly $12.00/26 issues*
$14.25/Separate ann. cum.*
$30.00/Quarterly issues only, including ann. cum.*
National Library of Medicine
8600 Wisconsin Ave., Bethesda, Md.

Subject Coverage: Cites recent books and technical reports cataloged at National Library of Medicine. Includes many publications relating to hearing-language-speech science.

Currency of Entries: Includes publications with an imprint date of the current or two preceding years.

Number of Entries: Undetermined.
Arrangement: Biweekly issues are arranged in six sections: Subject Section, with titles listed under main subject only, without subheadings; alphabetic author/title listing--Name Section; list of volumes published as additions to sets originally cataloged when the first volume was issued; alphabetic directory of names and addresses (when known) of publishers of those monographs, listed in the issue, which were published in the last year, and of those serials which began publication during the year; Technical Reports Subject Section; and Technical Reports Name Section. The subject headings are from Medical Subject Headings (MeSH).
Indexes: Subject, name, and technical report sections are indexes and cumulate quarterly. The 4th quarterly issue contains a complete list of citations for the preceding year and is published as a case-bound volume.
Format: Like Index Medicus.

*Order from Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

PERCEPTUAL-COGNITIVE DEVELOPMENT 4:12

1965- Bimonthly $20.00/Yr. $2.50/Issue
Galton Institute
P.O. Box 35336 Preuss Station
Los Angeles, Calif. 90035

Subject Coverage: Index to both published and ephemeral literature that is judged relevant to the scientific study of perceptual, cognitive, and creative processes. Lists work from such fields as child development, education, neurology, pediatrics, psycholinguistics, sociology, and speech.
Currency of Entries: Within 2 months of receipt of publication at editorial offices.
Publications Regularly Searched: About 300 primary and secondary journals in 1968.
Number of Entries: Over 1500 entries in bibliography for each issue.
Exchange Agreements: With 78 journals.
Arrangement: Citations are tagged with a computer-derived reference code and listed alphabetically by senior author under 15 categories such as abstracts, articles, books, instructional material, literature review, ongoing research, oral reports, tests, unpublished separates.
Indexes: Keyword-in-context index and alphabetical author list, with address of senior authors, in each issue. A three-year cumulative index will be published in 1968.
Special Features: Believed to contain the first computer-generated bibliography in the behavioral-biological-social science field scheduled for regular, continuing publication. In each issue, a source list of journals regularly scanned and a separate section of book reviews.

Within a Journal

4:13 BIBLIOGRAPHY OF DEVELOPMENTAL MEDICINE AND CHILD NEUROLOGY.•
The Spastics Society Medical Education and Information Unit in association with William Heinemann Medical Books Ltd.
1963- Annual supplement to Developmental Medicine and Child Neurology.

List of books and list of articles received during the previous year. The 1966 bibliography (Suppl. 12) contains 1008 entries (154 of which are books) in 16 categories: genetics, cytogenetics, embryology and teratology, developmental abnormalities, neonatal studies and birth injury, prematurity, Down's syndrome, neurophysiology and neuropathology, epilepsy, cerebral palsy, other neurological disorders, disorders of communication, developmental studies, metabolic disorders, muscular disorders, mental handicap. Each item in this bibliography appears under one heading only. There are subject and author indexes and a list of journals covered which includes 140 titles for 1966. References to books are arranged alphabetically by author.

Dr. E. Clayton-Jones, Executive Editor, Developmental Medicine and Child Neurology, 29 Hadlow Rd., Tonbridge, Kent, England. $1.00 for each supplement.

4:14 REFERENCES TO CONTEMPORARY PAPERS ON ACOUSTICS.•
White, Frederick E. (Boston College, Chestnut Hill, Mass.) and Schubert, Earl D. (Stanford University, Stanford, Calif.), eds.
1929- Bimonthly in The Journal of the Acoustical Society of America (JASA).

Classified listing of references to current journal articles, technical reports and books from the international literature on acoustical science and its applications in other fields. The arrangement of references in each issue follows a standard set of headings and subheadings given decimal numbering. Those sections of prime interest in the area of hearing-language-speech are as follows: 4 PHYSIOLOGICAL AND PSYCHOLOGICAL ACOUSTICS. 7 NOISE AND NOISE CONTROL (7.2 Annoyance. Effect of Noise on Human Beings). 9 SPEECH COMMUNICATION. 16 BIOACOUSTICS. A total of 204 references appear in these sections in the January 1968 issue of the JASA. Cumulative indexes for Vols. 1-35 (1929-1963) to the JASA, Contemporary Literature, and Patents, classified by subject and indexed by author or inventor, may by purchased from the American Institute of Physics.*

*Vols. 1-10 (1929-1939), 131p., $4.50. Vols. 11-20 (1939-1948), 395p., $5.00. Vols. 21-30 (1949-1958), 952p., $20.00 to nonmembers. Vols. 31-35 (1959-1963), 1140p., $20.00 to nonmembers. Order from American Institute of Physics, 335 East 45th Street, New York, N.Y. 10017.

Supplemental

RESEARCH GRANTS INDEX 4:15

1961- Annual $10.00/Set of 2 volumes*
Division of Research Grants, Statistics and Analysis Branch
National Institutes of Health
Bethesda, Md. 20014

Subject Coverage: Reports medical research in progress which is supported by grants from the Public Health Service for each fiscal year. Includes research in speech, hearing, and communication.
Currency of Entries: Usually appears in March, listing grants and research contracts of the fiscal year preceding the year of publication.
Number of Entries: More than 17,000 research projects listed as active in 1967.
Arrangement, Indexes, and Listings:
Vol. 1: Research projects by about 7700 subject headings with cross references.
Vol. 2: Grant Number Listing and Bibliography; Sources of Publications Listed; Journals Most Frequently Cited; Distribution of Publications by Institute or Division; Listing of General Research Areas; Research Contracts; Alphabetical List of Investigators.
Special Features: Subject headings conform with the Medical and Health Related Sciences Thesaurus (PHS-1031, Rev.). Proposed entries are submitted for prepublication review to each PHS grantee-investigator.

*Sold in sets of 2 vols. by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Request PHS-925. Free upon request to any federal or state government agency and to educational institutions. Address request to Research Documentation Section, Statistics and Analysis Branch, Division of Research Grants, National Institutes of Health, Bethesda, Md. 20014.

SCIENCE CITATION INDEX 4:16

1964- Quarterly $1250.00*
Institute for Scientific Information (ISI)
325 Chestnut St., Philadelphia, Pa. 19106

Subject Coverage: International bibliography of references to literature cited annually in a broad range of scientific publications. Effectiveness of the index is dependent upon the number of source publications used, and coverage becomes more comprehensive each year as more sources are added. Citing references include articles, book reviews, abstracts, editorials, letters, and technical notes. Soon several thousand books will be included in source coverage each year.
Publications Regularly Searched: In 1967, over 1700 journals, 59 per cent foreign, from 41 countries; 13,815 journal issues searched.
Number of Entries: In the 1967 system coverage, 3,401,000 cited references, 20,000 different journals cited, 31,000 book reviews indexed, 510,000 authors whose works were cited, and 305,000 source journal items indexed.

Exchange Agreements: None mentioned.
Arrangement and Indexes: Each quarterly issue in two parts: Source (author and anonymous sections) and Citation (author, anonymous, and patent sections). These are replaced by hardcover annual cumulations. Commonly the Citation Index is used to find who has been citing whom and what earlier work is being cited in current work. The Source Index Section is used to determine what has been published in each calendar year by any scientist. The Corporate Index is used to determine the papers published by a particular organization. The Permuterm Index (started in 1966) provides an additional annual subject-retrieval approach by pairing of all source title terms.
Special Features: Retrospective ISI Search Service, Magnetic Tape Service, weekly Automatic Subject Citation Alert, and Original Tear Sheets.

*Educational price.

4:17 TRANSLATIONS REGISTER-INDEX

1967- Semimonthly $30.00/Yr.
Special Libraries Association Headquarters
235 Park Avenue South, New York, N.Y. 10003

Subject Coverage: Announces and indexes unpublished translations of world literature in the natural, physical, medical, and social sciences. Covers translations deposited in the Special Libraries Association Translations Center by scientific and professional societies, industrial and other special libraries, colleges, universities, and other non-governmental institutions in the U.S.A. and abroad.
Currency of Entries: Announcement made within 3 months of receipt of a translation or information on its availability.
Number of Entries: In 1968, the average issue contains 250 register items and 500 index entries.
Arrangement: There are two main sections - the register section and the index section. The register lists translations under COSATI subject headings and gives bibliographic description, order information, and price. The index section provides a journal citations index; patent citation index; and author references to conference papers and monographs. It indexes not only those translations noted in the register section but those announced in Technical Translations, 1967, U. S. Government Research and Development Reports, 1968 and following, as well as translations reported by commercial translating agencies and other sources, domestic and foreign.
Indexes: The index cumulates quarterly during the calendar year, with the second, third, and final cumulations replacing those preceding.
History: Translations deposited at the Translations Center from 1955-1958 were listed in Translations Monthly, issued by SLA; from 1959-1966 in Technical Translations of CFSTI.
Special Features: Copies of its holdings are made available by the Center for the cost of photocopying plus an incorporated service charge of $5.00. Upon receipt of a complete bibliographic citation, the Center will make a search of its files to determine if and where a specific translation is available.
Sponsor: The Special Libraries Association.

ABSTRACTS

dsh ABSTRACTS

4:18

1960- Quarterly $7.00/Yr. $2.50/Issue
Deafness, Speech, and Hearing Publications, Inc.
c/o Gallaudet College
7th and Florida Aves., N.E., Washington, D.C. 20002

Subject Coverage: International coverage of literature on deafness, speech, and hearing, including speech pathology, speech correction, audiology, voice science, experimental phonetics, psychoacoustics, education of the deaf, and other areas.
Type of Abstracts: Noncritical.
Currency of Abstracts: Undetermined.
Publications Regularly Searched: 369 journals in 1967 and books and reports of various kinds. (Authors are invited to submit directly reprints and notices of publication to editor Jesse J. Villarreal, Ph.D., Department of Speech, University of Texas, Austin, Texas 78712.) Annual list of journals regularly searched appears in the October issue.
Number of Abstracts: 2063 in 1967.
Number of Abstractors: About 100 in 1967, mostly from U.S.A. Foreign countries represented include Canada, England, Japan, Norway, The Netherlands, Poland.
Exchange Agreements: With 19 other abstracting services.
Arrangement: Abstracts are numbered serially from January and are arranged by author under main headings (Hearing, Hearing Disorders, Speech, Speech Disorders) and one order of subheadings. A list of headings and subheadings provides a guide to this arrangement in each issue.
Indexes: Author index in each issue. Annual subject index in the October issue.
Special Features: Editorial.

4:19 E.E.N.T. DIGEST

1959- Monthly $15.00/Yr.
445 Central Avenue
Northfield, Ill. 60093

Subject Coverage: Selected abstracts of the world's eye, ear, nose, throat, and allergy literature.
Type of Abstracts: Informative.
Currency of Abstracts: Usually within 6 months of publication date.
Publications Regularly Searched: 5660 per year.
Number of Abstracts: 600 in 1967.
Number of Abstractors: Abstracts prepared by authors of original articles.
Exchange Agreements: 36.
Arrangement: Abstracts in each issue appear in sections for Ophthalmology; Otology; Head and neck.
Indexes: Table of contents and index to advertisers with each issue.
Special Features: Several original articles with each issue. Also, as a reader service, reprints of most of the original articles digested will be furnished free of charge on request.

4:20 EXCERPTA MEDICA - SECTION 11, OTO-RHINO-LARYNGOLOGY

1948- Monthly $30.00/Yr.
Excerpta Medica Foundation
Herengracht 119-123, Amsterdam, The Netherlands

Subject Coverage: Covers international literature on the face, mouth, throat, nose, and ear. Includes articles on disorders of hearing and speech.
Type of Abstracts: Noncritical.
Currency of Abstracts: Undetermined.
Publications Regularly Searched: Undetermined. (The Foundation's journals as a whole are said to have more than 3000 journals as source material.)
Number of Abstracts: Approximately 4,800 annually.
Number of Abstractors: Undetermined.
Exchange Agreements: None mentioned.
Arrangement: Abstracts are in random order under 29 classified subject headings including skull, face and lips, mouth, tongue, larynx, external ear, middle ear, internal ear, otosclerosis, Meniere disease, facial nerve, vestibular system, cerebellopontine angle tumor, speech, and phonetics.
Indexes: Author and subject indexes in each issue; annual cumulative indexes published separately.

SEE ALSO general entry for Excerpta Medica.

LANGUAGE AND LANGUAGE BEHAVIOR ABSTRACTS 4:21

1967- Quarterly $22.50/Yr.
Appleton-Century-Crofts Division of Meredith Publishing Company
440 Park Avenue South, New York, N.Y. 10016
(In 1968, to University Microfilms, a Xerox Company
300 N. Zeeb Rd., Ann Arbor, Mich. 48103)

Subject Coverage: International coverage in language and language behavior including linguistics, psychology, communication sciences, hearing, psychoacoustics, and sociology of language.
Type of Abstracts: Noncritical and informative.
Currency of Abstracts: From 3 to 6 months between receipt of the primary journal and mailing of the secondary journal.
Publications Regularly Searched: 600+ in more than 20 languages and in 22 disciplines. List of journals examined appears in each issue.
Number of Abstracts: About 4000 in 1967.
Number of Abstractors: 3 in Ann Arbor; 3 in Paris.
Exchange Agreements: None.
Arrangement: Abstracts in each issue are alphabetical by author under disciplinary subject headings.
Indexes: Author index in each issue.
Special Features: Edited at the University of Michigan Center for Research on Language and Language Behavior, Ann Arbor in collaboration with the Bureau pour l'Enseignement de la Langue et de la Civilisation Francaises a l'Etranger, Paris. Foreign journals are processed in Paris, and entries transmitted to Ann Arbor by teletype. Publication is simultaneous in the U.S.A. and overseas. There is an associated computer-based retrieval system.
Format: All uppercase computer print-out.

Within a Journal

CLINICAL AND EDUCATIONAL MATERIALS. 4:22
Carroll, Anne Welch L., assoc, ed.
1959- Appears in most monthly issues of Asha.

Annotated announcements of clinical and educational materials related to speech, language, and hearing, including audiovisual materials such as films, records, and tapes; tests; publications such as booklets, manuals, training units, bibliographies, and new journals; and equipment ranging from videotape recording systems to audiometric test and control rooms. Each announcement includes description of item, price, and ordering address. This section is usually one page. Announcement of materials available does not indicate an endorsement by the American Speech and Hearing Association. The editor states that, while every effort is made to review these materials, their precise value in individual situations can be determined only by their users.

Cognate

4:23 ACOUSTICS ABSTRACTS

1967- Bimonthly $56.00/Yr.
Multi-Science Publishing Company
33 South Drive, Brentwood, Essex, England

Subject Coverage: International coverage of major periodical literature on acoustics. Significant papers from journals, conference proceedings, and the technical report literature are summarized, classified, and, where necessary, translated. Papers of ephemeral interest or of a popularizing nature are not abstracted. There is a section "Physiological, Psychological and Bioacoustics" with subsections on hearing and speech.

[Full information not yet obtained; noted from publisher's announcement and the examination of one issue.--Ed.]

4:24 AEROSPACE MEDICINE AND BIOLOGY

1964- Monthly $3.00/Issue and Cum. Ind.*
Scientific and Technical Information Division
National Aeronautics and Space Administration
Washington, D.C. 20546

Subject Coverage: Selection of annotated references (abstracts) to unclassified reports and journal articles emphasizing biological, physiological, psychological, and environmental effects of simulated or real space flight.
Type of Abstracts: Noncritical; informative or indicative, usually not exceeding 200 words. Wide utilization of author-written abstracts.
Currency of Abstracts: Average interval of time between the publication dates on the covers of the reports and journals abstracted and the publication date on the cover of Aerospace Medicine and Biology is 5 months.
Publications Regularly Searched: All references come from one of the three cooperating agencies:
1. Aerospace Medicine and Biology Bibliography Project of the Library of Congress;
2. American Institute of Aeronautics and Astronautics (AIAA);
3. NASA Scientific and Technical Information Facility.

Arrangement: NASA entries listed first under STAR accession numbers, AIAA entries listed next under A80K accession numbers, Library of Congress entries listed last.
Indexes: Subject, corporate source, and personal author in each issue, cumulated annually.

*Order from Clearinghouse for Federal Scientific and Technical Information (CFSTI), Springfield, Va. 22151.
May be obtained without charge from NASA (Code USS-A) by NASA offices and contractors, U.S. Govt. agencies and their contractors, and organizations that are working in direct support of NASA programs.

BIOLOGICAL ABSTRACTS 4:25

1926- Semimonthly $480.00/Yr. (Comprehensive*)
$160.00/Ann. Cum. Index
Biosciences Information Service of Biological Abstracts
211 Arch St., Philadelphia, Pa. 19103

Subject Coverage: Covers world literature in the biological and behavioral sciences. Also covers medicine, often in depth.
Type of Abstracts: Author; noncritical; informative.
Currency of Abstracts: 10-12 weeks between receipt of primary journal mailing of secondary.
Publications Regularly Searched: 7405 serials were searched in 1967.
Number of Abstracts: 130,000 expected in 1968.
Number of Abstractors: 259 abstractors were listed in January 1968.
Exchange Agreements: Exist but privileges used infrequently.
Arrangement: Abstracts appear once within issues in a classified arrangement based on more than 500 topics and subtopics. Reader uses a table of contents that, with many cross references, serves as an alphabetical subject index to section headings.
Indexes: Author, B.A.S.I.C. (See no. 2 below), Biosystematic, and CROSS indexes in each issue and cumulated annually.
Special Features: A list of new books and periodicals and the Biological Abstracts Subjects Classification Outline appear in each issue. Custom information services are available (make inquiry of the Biosciences Information Service).
Companion Pieces:
1. BioResearch Index - supplements Biological Abstracts in the life sciences. In 1968, it is expected to report 84,000 research papers in addition to those in Biological Abstracts. Issued monthly. Each issue contains a Bibliography of Titles, in which the titles are listed under the journal issues in which they appeared; permuted-title (plus keywords), author, biosystematic, and CROSS indexes; and a list of journals indexed, giving location of issues in the Bibliography of Titles.
2. Biological Abstracts' Subjects in Context (B.A.S.I.C.) - first appeared as K.W.I.C. in 1959. It is a permuted subject index to Biological Abstracts. Articles are listed by keyword surrounded by subject words and followed by the abstract number. (Included in yearly subscription. Can be ordered separately. Issued semimonthly. 15.00/Yr.)
3. Biological Abstracts. List of serials with word abbreviations - appeared in Biological Abstracts Vol. 48, No. 24, Dec. 15, 1967. Lists 7405 serials published in 94 countries and territories. Also lists annual reports, reports of conferences, symposia, books, monographs, and other works. (Available separately for $2.00.)
History: Continues Abstracts of Bacteriology and Botanical Abstracts. Published in nine issues before 1950 and monthly from 1950 to 1964.
Sponsor: Union of American Biological Societies, National Academy of Sciences, and The American Association for the Advancement of Science.

*Includes Biological Abstracts, B.A.S.I.C., and BioResearch Index. Does not include Annual Cumulative Indexes. Prices listed are to nonprofit and educational institutions.

4:26 BIRTH DEFECTS

1964- Monthly $5.00/Yr.
The National Foundation - March of Dimes
Supply Division
800 2nd Ave., New York, N.Y. 10017

Subject Coverage: Abstracting journal covering congenital anomalies, malformations, mental retardation, and other defective conditions. Covers both cause of defects and handling of defective children after birth.
Type of Abstracts: Noncritical; informative.
Currency of Abstracts: Monthly on a calendar year basis. Current issue is published and mailed toward the end of the succeeding month.
Publications Regularly Searched: 2600+ journals including articles in 17 languages were searched in 1967.
Number of Abstracts: 1017 listed in 1966.
Number of Abstractors: Abstracting done by Medical Documentation Service, The College of Physicians of Philadelphia, Philadelphia, Pa.
Exchange Agreements: None.
Arrangement: Entries are arranged alphabetically by author.
Indexes: None.
Special Features: The National Foundation will provide without charge reprints of its own Original Articles Series when a specific issue is not sold. Photocopies of other articles abstracted herein may be obtained at a charge of $.25 per page from the Medical Documentation Service.
History: Supersedes Current Literature - Congenital Anomalies, 1960-1962.

4:27 CHEMICAL ABSTRACTS

1907- Weekly* $1,550/Yr.**
American Chemical Society
1155 16th St., N.W., Washington, D.C. 20036

Subject Coverage: Serves as only English-language abstracting and indexing service which covers international chemistry and chemical engineering. Includes work relating to the biochemistry of the ear and hearing.
Type of Abstracts: Noncritical, informative - including many edited author abstracts that meet criteria. Average of 175 words.
Currency of Abstracts: Median abstract is published approximately 100 days after publication date of item abstracted.
Publications Regularly Searched: 12,000 journals in 56 languages from 106 countries annually. Also, patents from 25 countries are abstracted and indexed.
Number of Abstracts: 240,000 in 1967.
Number of Abstractors: 35 on premises. About 3300 part-time contributors, worldwide.
Exchange Agreements: Many.
Arrangement: In 80 sections divided among five groups. *The Biochemistry and Organic Chemistry Sections are published one week, and the Macromolecular Chemistry, the Applied Chemistry and Chemical Engineering, and the Physical and Analytical Chemistry Sections are published the next week. Separate volumes are published every six months.
Indexes: In abstract issues - author, keyword, patent concordance, and numerical patent indexes. In semiannual indexes - Author Index; Formula

Index, including Hetero-Atom-In-Context Index; Numerical Patent Index, Patent Concordance Index; Index of Ring Systems; and Subject Index. Also, 2 Collective Indexes, 1962-1966, 1957-1961; 5 Decennial Indexes, 1907-1956; 27 year Collective Formula Index, 1920-1946; and 10-year Numerical Patent Index, 1937-1946.

Special Features: All of Chemical Abstracts is on microfilm, updated semiannually.

Companion Pieces:

CHEMICAL TITLES.--Indexes articles appearing in 650 U.S. and foreign chemistry and chemical engineering journals. Serves as interim tool between publication of an article and publication of its abstract in Chemical Abstracts. There are 2 sections - a listing of titles for each journal, an author index, and a keyword-in-context index. Subscription price is $50.00/Yr.

CHEMICAL-BIOLOGICAL ACTIVITIES.--Offers fast, in-depth coverage of published work concerned with the interaction of organic compounds with biological systems. Nearly 600 journals are searched. An informative digest is printed along with the title, names of authors, and bibliographic citation. Each digest is indexed by subject, authors, and molecular formulas. Subscription price is $1100.00/Yr.

1961 Chemical Abstracts - List of Periodicals abstracted, with key to library files; and annual Supplements.

Other publications and services described in free booklet, Information Services from Chemical Abstracts Service 1968.

*See under Arrangement.

**Education institutions are eligible for a $500 grant toward their subscription if they qualify by the American Chemical Society definition.

CHILD DEVELOPMENT ABSTRACTS AND BIBLIOGRAPHY 4:28

1927- 3 times/Yr. $10.00/Yr.* $4.50/issue
The University of Chicago Press
5750 Ellis Ave., Chicago, Ill. 60637
for The Society for Research in Child Development

Subject Coverage: Covers research literature on child development with emphasis on psychology, psychiatry, education, and sociology.

Type of Abstracts: Noncritical; informative; author abstracts used selectively.

Currency of Abstracts: Current issues of journals are searched and effort is made to get results into next published issue of the Abstracts.

Publications Regularly Searched: 134 periodicals searched in 1967.

Number of Abstracts: 757 abstracts listed in 1967 plus 119 book notices.

Number of Abstractors: 75 active abstractors who volunteer their services.

Exchange Agreements: With 7 other abstracting services.

Arrangement: Abstracts in each issue are alphabetical by author in broad subject sections, with a separate section for abstracts of books.

Indexes: Author index in each issue. Cumulated subject index appears in third issue each year.

Special Features: List of books received in each issue.

History: Volume 1, 1927, as Selected Child Development Abstracts Currently Published in the Journal of Nervous and Mental Diseases. Volumes 2-6, 1928-32, as Child Development Abstracts and Bibliography Selected from Current Issues of the Journal of the American Medical Association.

4:29 DENTAL ABSTRACTS

1956- Monthly $10.00/Yr. $1.50/Issue
American Dental Association
211 East Chicago Ave., Chicago, Ill. 60611

Subject Coverage: Covers a selection of the world dental literature including work on cleft palate surgery and the tongue.
Type of Abstracts: Noncritical and informative. Occasionally, editorial comments are published separate from the abstract.
Currency of Abstracts: Usually from 4 to 8 months after publication of the original articles.
Publications Regularly Searched: Approximately 240 in 1968. List appears in December issue.
Number of Abstracts: Approximately 100 abstracts per issue.
Number of Abstractors: No information given.
Exchange Agreements: None mentioned.
Arrangement: Abstracts in each issue are under subject headings that are arranged alphabetically.
Indexes: Each issue has subject index which serves as table of contents. Annual cumulated author and subject indexes. The annual index is published separately and is available free on request for any subscriber.
Special Features: Carries in each issue a special article. Regular features are News; Editorial by guest contributor; Review article; News from NIH; Notes and comments; New products; and New books.

4:30 EXCERPTA MEDICA

1947- Monthly Each section priced separately
Excerpta Medica Foundation
Herengracht 119-123, Amsterdam, The Netherlands

Subject Coverage: Comprehensive abstracting publication dealing with international medical literature. Each section, comprising an individual abstracting journal, lists in classified form all references from periodicals devoted to that particular specialty as well as relevant articles from publications dealing with other medical and related disciplines. It consists of 28 sections:

1. Anatomy, Anthropology, Embryology and Histology
2A. Physiology
2B. Biochemistry
2C. Pharmacology and Toxicology
3. Endocrinology
4. Microbiology: Bacteriology, Virology, Mycology and Parasitology
5. General Pathology and Pathological Anatomy
6. Internal Medicine
7. Pediatrics
8A. Neurology and Neurosurgery
8B. Psychiatry
9. Surgery
9B. Orthopedic Surgery
10. Obstetrics and Gynecology
11. OTO-RHINO-LARYNGOLOGY (SEE separate entry)
12. Ophthalmology
13. Dermatology and Venereology
14. Radiology

15. Chest Diseases, Thoracic Surgery and Tuberculosis
16. Cancer
17. Public Health, Social Medicine and Hygiene
18. Cardiovascular Diseases and Cardiovascular Surgery
19. Rehabilitation and Physical Medicine
20. Gerontology and Geriatrics
21. Developmental Biology and Teratology
22. Human Genetics
23. Nuclear Medicine
24. Anesthesiology
25. Hematology
26. Immunology, Serology and Transplantation
27. Medical Instrumentation
28. Urology

Type of Abstracts: Noncritical.

Currency of Abstracts: Undetermined.

Publications Regularly Searched: Approximately 3000 of the most important medical and other serials.

Number of Abstracts: Approximately 150,000 annually.

Number of Abstractors: Approximately 6000 physicians from around the world. The Japanese and Soviet literature is abstracted in those countries.

Exchange Agreements: None mentioned.

Arrangement: By subject headings.

Indexes: Author and subject indexes in each issue; cumulated annually in a separate issue.

Special Features: All journal papers from which abstracts are taken are stored on microfilm. Photocopy service available at $0.25 per page, plus a research fee of $0.60 per article.

Companion Pieces: Reference Works Series; International Congress Series; Special Abstracting Journals; Excerpta Medica Monographs; Monographs on Nuclear Medicine and Biology Series.

History: Each section has separate course of development.

LANGUAGE-TEACHING ABSTRACTS 4:31

1968- Quarterly $3.50/Yr.
Cambridge University Press
32 East 57th St., New York, N.Y. 10022

Subject Coverage: Research and developments in the study of modern languages, work in psychology, linguistics, phonetics, language studies, teaching methodology and technology, and experimental teaching.

Publications Regularly Searched: 300+ foreign and domestic journals.

Number of Entries: Approximately 75 per issue.

Special Features: Brief notes of new books concerned with languages and language teaching are included in each issue. Although all abstracts are written in English, the titles are given in the original language and then translated. Cyrillic, phonetic, and modern Greek types are used where necessary.

History: Language-Teaching Abstracts incorporated English-Teaching Abstracts (1961-1967) formerly published by the English-Teaching Information Centre.

[Noted from publisher's announcement; not yet examined.--Ed.]

4:32 MEDICAL ELECTRONICS AND COMMUNICATION ABSTRACTS

1966- Quarterly $43.00/Yr.
Multi-Science Publishing Company, Ltd.
33 South Drive, Brentwood, Essex, England

Subject Coverage: Concentrates on electronics and communication techniques in the life sciences including prosthetic applications and such communication sciences as cybernetics, information theory, artificial intelligence, hearing, audiometry, speech synthesis and analysis, and acoustics where there is application in the medical field.
Type of Abstracts: Noncritical; indicative or informative.
Currency of Abstracts: 3-4 months.
Publications Regularly Searched: No information given.
Number of Abstracts: Approximately 250 per issue.
Number of Abstractors: None mentioned.
Arrangement: Abstracts are classified under broad subject headings and subheadings that are listed for reader on contents page.
Indexes: Annual author and subject indexes.
History and Companion Pieces: Grew out of Electronics and Communication Abstracts.

4:33 MENTAL RETARDATION ABSTRACTS

1964- Quarterly $3.00/Yr.* $1.00/Issue*
U.S. National Clearinghouse for Mental Health Information
National Institutes of Health
Bethesda, Md. 20014

Subject Coverage: Covers nature and causes of mental disorders and methods of treatment and prevention - for laboratory and clinical researchers. Includes aphasia, communication disorders, hearing problems, and language development.
Type of Abstracts: Noncritical.
Currency of Abstracts: Undetermined.
Publications Regularly Searched: Approximately 170 journals in 1966. Covers conventional medical and psychological journals. List of journals scanned for each issue appears at end of that issue.
Number of Abstracts: 2340 in 1966.
Number of Abstractors: Abstracts prepared by National Clearinghouse under contract with the American Association of Mental Deficiency.
Arrangement: Abstracts in each issue are classified under subject headings and subheadings, including a section for Language, Speech, and Hearing.
Indexes: Author and subject indexes in each issue. Cumulated author and subject indexes in last issue.
Special Features: Selected articles and bibliographies precede abstracts in each issue. Author's address given with abstract.

*Order from Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. Available free to professional workers actively engaged in the field of mental retardation. Professional workers who wish to receive the abstracts should write to the Clearinghouse describing their professional activities in this field.

ORAL RESEARCH ABSTRACTS 4:34

1966- Monthly* $45.00/Yr. $5.00/Issue
American Dental Association
211 East Chicago Ave., Chicago, Ill. 60611

Subject Coverage: Covers work pertaining to dental science including clinical science, oral medicine, cancer, physical and social science, education, and public health.
Type of Abstracts: Noncritical and informative. Includes some author abstracts.
Currency of Abstracts: 4 to 18 months, depending on source of primary journal and its availability.
Publications Regularly Searched: 869 periodicals were searched in 1967, including nondental journals. List published in annual index issue.
Number of Abstracts: Approximately 6681 in 1967.
Number of Abstractors: Approximately 850 plus 53 under a special program in Israel.
Exchange Agreements: 7, including Excerpta Medica, dsh Abstracts, Laser Abstracts and Abstracts of Bulgarian Scientific Literature.
Arrangement: There are 33 different subject headings arranged alphabetically in each issue. Abstracts are in random order under each subject heading.
Indexes: Author index in each issue. Subject index and cumulated author index annually.

*13 times a year, with two issues in April. The extra April issue will contain the cumulated author and subject indexes and the list of journals abstracted.

PSYCHOLOGICAL ABSTRACTS 4:35

1927- Monthly $30.00/Yr. $3.00/Issue
The American Psychological Association, Inc.
1200 17th St., N.W., Washington, D.C. 20036

Subject Coverage: Covers world literature in all realms of psychology including work in aphasia, audition, communication disorders, deafness, language development, and speech.
Type of Abstracts: Noncritical; by author, journal, or abstractors.
Currency of Abstracts: 3 months for core, 4-12 months for non-core.
Publications Regularly Searched: 546 publications in 1967. (Figure excludes books and infrequently searched publications.)
Number of Abstracts: 17,202 in 1967.
Number of Abstractors: 160 in 1967.
Exchange Agreements: Yes.
Arrangement: Reader uses classified table of contents with broad and subsidiary subject headings as chief guide to the abstracts of each issue. Abstracts are numbered serially from January of each year.
Indexes: Author and brief subject indexes in each issue. Cumulative author and detailed subject indexes annually.
History: Issues published monthly from 1927 to 1953, bimonthly from 1954 to 1965, monthly from 1966 to present.

ORAL RESEARCH ABSTRACTS 4:34

1966- Monthly* $45.00/Yr. $5.00/Issue
American Dental Association
211 East Chicago Ave., Chicago, Ill. 60611

Subject Coverage: Covers work pertaining to dental science including clinical science, oral medicine, cancer, physical and social science, education, and public health.
Type of Abstracts: Noncritical and informative. Includes some author abstracts.
Currency of Abstracts: 4 to 18 months, depending on source of primary journal and its availability.
Publications Regularly Searched: 869 periodicals were searched in 1967, including nondental journals. List published in annual index issue.
Number of Abstracts: Approximately 6681 in 1967.
Number of Abstractors: Approximately 850 plus 53 under a special program in Israel.
Exchange Agreements: 7, including Excerpta Medica, dsh Abstracts, Laser Abstracts and Abstracts of Bulgarian Scientific Literature.
Arrangement: There are 33 different subject headings arranged alphabetically in each issue. Abstracts are in random order under each subject heading.
Indexes: Author index in each issue. Subject index and cumulated author index annually.

*13 times a year, with two issues in April. The extra April issue will contain the cumulated author and subject indexes and the list of journals abstracted.

PSYCHOLOGICAL ABSTRACTS 4:35

1927- Monthly $30.00/Yr. $3.00/Issue
The American Psychological Association, Inc.
1200 17th St., N.W., Washington, D.C. 20036

Subject Coverage: Covers world literature in all realms of psychology including work in aphasia, audition, communication disorders, deafness, language development, and speech.
Type of Abstracts: Noncritical; by author, journal, or abstractors.
Currency of Abstracts: 3 months for core, 4-12 months for non-core.
Publications Regularly Searched: 546 publications in 1967. (Figure excludes books and infrequently searched publications.)
Number of Abstracts: 17,202 in 1967.
Number of Abstractors: 160 in 1967.
Exchange Agreements: Yes.
Arrangement: Reader uses classified table of contents with broad and subsidiary subject headings as chief guide to the abstracts of each issue. Abstracts are numbered serially from January of each year.
Indexes: Author and brief subject indexes in each issue. Cumulative author and detailed subject indexes annually.
History: Issues published monthly from 1927 to 1953, bimonthly from 1954 to 1965, monthly from 1966 to present.

4:36 RESEARCH IN EDUCATION (DOCUMENT SECTION)*

1966- Monthly $11.00/Yr. $1.00/Issue**
Division of Information Technology and Dissemination
Bureau of Research, Office of Education
Department of Health, Education, and Welfare, Washington, D.C.
Prepared by the Educational Resources Information Center (ERIC).

Subject Coverage: Announcement service for selected documents of significance to educators. Includes abstracts of reports received from research projects funded by the Office of Education as well as other reports collected by the 18 ERIC Clearinghouses. Coverage includes the communication skills of hearing, language, reading, and speech and the problems of handicap and education in these areas.

Type of Abstracts: Noncritical; informative; about 200 words.

Currency of Abstracts: Undetermined.

Publications Regularly Searched: Varies among Clearinghouses.

Number of Abstracts: About 1250 in 1967; increasing - over 400 in the December 1967 issue.

Arrangement: Within the Document Section of each issue, report resumes are grouped by Clearinghouse of origin. Each report resume includes title, author, report number, grant number, price of document through ERIC Document Reproduction Service, institution where report originated, publication date, descriptors, and the abstract.

Indexes: In each issue, the Document Section has subject, author, and institution indexes. Also, a cross-reference list from Clearinghouse Accession Numbers to ERIC Document Numbers, cumulating monthly. Annual Index, 1967 (for issues Nov. 1966 through Dec. 1967): Report Resume Index, $3.25; Project Resume Index, $1.50. Subject index headings follow the Thesaurus of ERIC Descriptors, Ed. 1, December 1967 (OE-12031. $2.50).

Special Features: Documents that are announced may be purchased through the ERIC Document Reproduction Service, operated by the National Cash Register Company. Hard copy is 4 cents per page; prices for microfiche vary. Material for Research in Education is assembled by North American Rockwell Corporation under contract to the Office of Education.

Format: All uppercase printing using Linofilm electronic composition.

*RESEARCH IN EDUCATION has 2 main sections which are treated separately here - See separate entry for RESEARCH IN EDUCATION (PROJECT SECTION).

**Order from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

SOCIOLOGICAL ABSTRACTS 4:37

1953- 8 times/Yr. $100.00/Yr. $15.00/Issue
Sociological Abstracts, Inc.
2315 Broadway, New York, N.Y. 10024

Subject Coverage: International coverage of sociology and related fields including sociological aspects of communication and language development, speech acquisition, and rehabilitation.
Type of Abstracts: Noncritical; informative.
Currency of Abstracts: From 6-16 months, varying with the language of the journal and its geographic place of publication.
Publications Regularly Searched: Approximately 7000 periodicals in 1965.
Number of Abstracts: 5460 in 1967.
Number of Abstractors: 37 in addition to authors in 1967.
Arrangement: In each issue, abstracts are alphabetized by author under classified headings that tend to disperse the articles bearing on communicative science. These may be located in the subject index under descriptors such as deafness, hearing, language, and speech.
Indexes: Author index each issue. Cumulative author index, subject, and periodical indexes in last issue.
Special Features: Articles describing the "state of the art" of sociology in various countries, prepared under the auspices of the International Sociological Association, will appear about every other issue beginning in fall 1968. A microfiche repository is available for unpublished manuscripts deposited with the Clearinghouse for Sociological Literature. These are abstracted and announced in Sociological Abstracts.
Companion Pieces: Information Files (consists of 21 areas of the abstracts) $5.00/File.

Within a Journal

ABSTRACTS OF CURRENT LITERATURE. 4:38
Mullen, Marjorie M., ed.
1940- Monthly in Rehabilitation Literature.

Abstracts of literature on rehabilitation of the handicapped, including aphasia, deafness, laryngectomy, and speech correction. Abstracts are noncritical and usually informative rather than indicative. For most abstracts, the interval in appearance is 6 weeks or less. Abstracts are under subject headings that are arranged as an alphabetical index, with cross references to related abstracts and other contents of the issue. There is an author index covering abstracts in each issue, with an annual cumulative author index appearing as Part 2 of the January issue for the following year. About 65 numbered abstracts appear in the section each month.

4:39 INTERNATIONAL ABSTRACTS OF PLASTIC AND RECONSTRUCTIVE SURGERY.
Snyder, Clifford C., ed. (University of Utah Medical School, Salt Lake City).
1947- Monthly in Plastic and Reconstructive Surgery.

Abstracts of articles within the purview of plastic and reconstructive surgery, including many on head, neck, and cleft lip and palate. Each monthly section contains approximately 30 abstracts, which appear from 3-6 months after the primary publication and are prepared by 9 U.S.A. abstractors (including the editor and coeditor) and 30 foreign abstractors. Abstracts are informative and are arranged by subject headings and subheadings. There is a semiannual author index. No exchange agreements are mentioned.

Supplemental

4:40 DISSERTATION ABSTRACTS

1938- Monthly $75.00/Yr. - Sections A and B
University Microfilms, Inc.
300 North Zeeb Road
Ann Arbor, Mich. 48106

Subject Coverage: Lists doctoral dissertations written in all academic fields, including the communicative sciences.
Type of Abstracts: Informative summaries.
Currency of Abstracts: Undetermined.
Source of Abstracts: More than 160 cooperating institutions.
Number of Abstracts: Over 1,800 new abstracts monthly.
Arrangement: In two sections: A, Humanities, and B, Sciences. Abstracts listed by subject headings within each section.
Indexes: Author and subject indexes in each issue. Part 2 of Issue 12 for each year is the cumulative index for that year.
Special Features: Datrix (Direct Accession To Reference Information; A Xerox Service) provides xerographic prints of complete dissertations at 4.5 cents per page.
History: From 1938-1952, it appeared as Microfilm Abstracts.

U.S. GOVERNMENT RESEARCH AND DEVELOPMENT REPORTS (USGRDR) 4:41

1946- Semimonthly $30.00/Yr. $3.00/Issue (Reports)
$22.00/Yr. $3.00/Issue (Index)
Clearinghouse for Federal Scientific and Technical Information
Springfield, Va. 22151

Subject Coverage: Contains announcements of unclassified and publicly available technical reports of Government-sponsored research and development and translations, in all fields, including the behavioral, social, biological, and medical sciences.

Type of Abstracts: Informative and indicative.

Currency of Abstracts: 60 days minimum.

Publications Regularly Searched: USGRDR is a compilation of reports and translations resulting from work performed by Government laboratories or by industrial firms and private institutions under contract to sponsoring Federal Agencies. More than 50 Departments and Agencies supply reports to the Clearinghouse, with the Department of Defense, National Aeronautics and Space Administration, Atomic Energy Commission, Department of Transportation, and the Department of Health, Education, and Welfare as the largest contributors.

Number of Abstracts: Approximately 1500 each issue.

Arrangement: Listing of reports follows the COSATI Subject Category List, which has 22 "Fields," each of which is divided into "Groups." No abstracts are given at this time for AEC and NASA reports; instead, the user is referred to Nuclear Science Abstracts (NASA) or Scientific and Technical Aerospace Reports (STAR). Eventually these will be included.

Indexes: Subject, Personal Author, Corporate Author, Contract Number, and Accession/Report Number Indexes are published in the corresponding issue of U.S. Government Research and Reports Index (formerly Government-Wide Index).

Special Features: The USGRDR Reports and Index are produced by computer from machineable records. Most of the reports announced are sold by the Clearinghouse for $3.00 in paper copy and $0.65 in microfiche. Prepaid coupons can be bought for faster service.

Companion Pieces: CLEARINGHOUSE ANNOUNCEMENTS IN SCIENCES AND TECHNOLOGY (CAST), a semimonthly fast service to announce new scientific and technical reports in 46 separate subject categories, including Behavioral Sciences, Biological Sciences, and Medical Sciences. Each separate issue averages 4 pages; gives document titles and abstracts, flagging those of high interest. Annual subscription is $5.00 for first category; $5.00 each 2 additional categories.

RESEARCH IN PROGRESS

4:42 LANGUAGE RESEARCH IN PROGRESS.
Center for Applied Linguistics, Washington, D.C.
Hayes, Alfred S., and Varley, Joy, eds.
1965- Semiannual.

Serial reports listing current, documented research projects on language systems and language communication behavior in the U.S.A. and abroad. The basic list of numbered projects (Part 3 of each report) gives name of principal investigator, institution at which the research is taking place, and title of project. Titles included are of projects either ongoing or terminated within the 6 months prior to report issue. Projects thus announced are "documented" by abstracts that are available from the Center for Applied Linguistics. Additional projects for which there has been insufficient documentation for the writing of an abstract are announced in an appendix within each report. The basic list of projects is indexed by subject (Part 1) and by investigator and institution (Part 2). The system underlying these services depends upon direct contributions of background information from individual investigators. Although centered on linguistic and behavioral aspects of language study, this publication reports on research projects across the spectrum of hearing-language-speech. Report No. 6, April 1968, supersedes the previous ones (except as historical record).

Request information on availability of this publication and on participation in its program from the Language in Education Program, Center for Applied Linguistics, 1717 Massachusetts Ave., N.W., Washington, D.C. 20036.

Cognate

4:43 RESEARCH IN EDUCATION (PROJECT SECTION)*

1966- Monthly $11.00/Yr. $1.00/Issue**
Division of Information Technology and Dissemination
Bureau of Research, Office of Education
Department of Health, Education, and Welfare, Washington, D.C.
Prepared by the Educational Resources Information Center (ERIC).

Subject Coverage: Announcement of current projects supported through the Bureau of Research, Office of Education. Coverage includes the communication skills of hearing, language, reading, and speech and the problems of handicap and education in these areas.

Type of Abstracts: Noncritical; informative; about 200 words.
Currency of Abstracts: Undetermined.
Publications Regularly Searched: Varies among Clearinghouses.
Number of Abstracts: 737 in 1967.
Arrangement: Within the Project Section of each issue, project resumes are in order of accession number. Each project resume includes the title of the project, name of investigator, institution where the research is done, contract number, start and end dates, descriptors, and the abstract.
Indexes: In each issue, the Project Section has indexes by institution, subject, and investigator. There is an annual index for 1967 (for issues Nov. 1966 through Dec. 1967): Report Resume Index, $3.25; Project Resume Index, $1.50. Subject index headings follow the Thesaurus of ERIC Descriptors, Ed. 1, December 1967 (OE-12031. $2.50.)
Special Features: Project resumes cannot be ordered from the ERIC Document Reproduction Service. Material for Research in Education is assembled by North American Rockwell Corporation under contract to the Office of Education.
Format: All uppercase printing using Linofilm electronic composition.

*RESEARCH IN EDUCATION has 2 main sections which are treated separately here - See separate entry for RESEARCH IN EDUCATION (DOCUMENT SECTION).
**Order from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

RESEARCH RELATING TO CHILDREN. BULLETIN. 4:44
Children's Bureau, Washington, D.C. Clearinghouse for Research in Child Life.
1949- Irregular (About twice a year).

Reports of research in progress, or recently completed, in such areas as child growth and development; personality and adjustment; exceptional children; family life; socioeconomic and cultural factors; service programs in child health, child welfare, or special education. Each item gives the title of research project, purpose, subject sample, methods, findings, duration, principal investigators, cooperating groups, and publication or availability of results. Information is derived from summaries of research contributed directly by individual investigators or obtained from the Science Information Exchange. Each issue has an alphabetical directory of investigators, an alphabetical subject index, and a geographic list of organizations. With the exception of long-term research, the current Bulletin does not report again the studies that are included in earlier issues, even though they may still be continuing.

Most earlier issues are out of print but are available in many libraries. Recent issues available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402: Bull. 18 (Mar.-Dec. 1964) - $1.25; Bull. 19 (Jan.-Sep. 1965) - $1.50; Bull. 20 (Oct. 1965-May 1966) - $1.25; Bull. 21 (Jun. 1966-Apr. 1967) - $1.25.
An investigator receives a free copy of the issue of RESEARCH RELATING TO CHILDREN in which his study appears. A free copy of each issue is available to libraries and research centers. The Clearinghouse also maintains a mailing list of interested persons who receive announcements of new issues as they are published. Address: Clearinghouse for Research in Child Life, Children's Bureau, Washington, D.C. 20201.

MEETINGS

Announcements of meetings or a "calendar of events" are carried as regular or irregular features of numerous journals classed as "core" or "cognate" with respect to hearing-language-speech. Comprehensive services are listed below.--Ed.

Supplemental

4:45 WORLD LIST OF FUTURE INTERNATIONAL MEETINGS.
Prepared by the International Organizations Section, Library of Congress, Washington, D.C.
1959- Bimonthly.

Serial directory to internationally organized or financed meetings scheduled for the ensuing three years and in which three or more countries are represented. Two separately paged chronologies (Part 1: Science, Technology, Agriculture, Medicine; Part 2: Social, Cultural, Commercial, Humanistic) appear under one cover. Items on meetings in each part are in order of identification number referring to the year, month, and beginning day so that meetings occurring at a particular time are found together. Notices also include special notations such as postponing of meetings and restrictions on participation; sponsoring organizations; addresses to use for further information. Access to notices of meetings by particular subject, sponsor, or geographical location is through a modified keyword-in-context index that covers both parts.

Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. $6.00 per year; $1.25 for single copy.

WORLD MEETINGS... OUTSIDE U.S.A. AND CANADA. 4:46
Baum, Harry, ed. and pub.
1968- Quarterly.

Registry of future scientific, technical, and medical meetings that will take place through the world during the two-year period following each date of issue. The directory consists of a data section which is divided in eight parts, one for each calendar quarter of the two-year period following the date of issue of the publication; and of five precoordinated indexes - by date of meeting, keyword, deadline for abstracts, location, and sponsor. In the data section, meeting are arranged by invariant registry numbers referring to the date of the meetings. Information on each meeting includes name, headquarters, date, sponsor, contact for general information, a brief description of the meeting including number of papers to be presented, estimated attendance and restrictions on attendance, deadline for submission of papers and address of individual to whom they may be sent, information on availability of abstracts or papers, and information on exhibits. Issues are cumulative. Each new issue drops the first part of the preceding issue covering meetings which have occurred during the three-month period between issues and adds about 250 to 300 new meetings.

World Meetings, 79 Drumlin Rd., Newton Centre, Mass. 02159. $35.00 annually.

WORLD MEETINGS... UNITED STATES AND CANADA. 4:47
(Formerly Technical Meetings Index).
Baum, Harry, ed. and pub.
1963- Quarterly.

Registry of future scientific, engineering, and medical meetings that will take place in the United States and Canada during the two-year period following each date of issue. The directory consists of a data section which is divided in eight parts, one for each calendar quarter of the two-year period following the date of issue of the publication; and of five pre-coordinated indexes - by date of meeting, keyword, deadline for abstracts, location, and sponsor. In the data section meetings are arranged by invariant registry numbers referring to the date of the meetings. Information on each meeting includes name, headquarters, date, sponsor, contact for general information, content of meeting, estimated attendance and restrictions, deadlines for submission of papers and contact for further information, information on availability of abstracts or papers, and information on exhibits. Issues are cumulative. Each new issue drops the first part of the preceding issue covering meetings which have occurred during the three-month period between issues and adds about 250 to 300 new meetings.

World Meetings, 79 Drumlin Rd., Newton Centre, Mass. 02159. $25.00 annually. ($35 after 1/1/69).

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BIBLIOGRAPHIES

The section on Bibliographies contains lists of references that have been published variously as books, pamphlets, technical reports, journal articles, appendices, literature searches, or book lists. Excluded are periodical or recurrent bibliographies, which are listed elsewhere (SEE Indexes).

ARRANGEMENT is by the major subject headings: Hearing, Language, and Speech. Under each major heading, descriptive items are ordered alphabetically on the first significant word of the title. Related items in cognate areas are appended in a single separate list.

HOW TO USE

1. To find bibliographies within subject areas, use the contents listing of this section.
2. To find information on a bibliography of known author or title, use the general indexes to authors or titles.

SOURCES

This list of items was derived from the Bibliographic Index and from other standard library sources and various Information Center activities.

HEARING

5:1

[BEKESY, GEORG VON, BIBLIOGRAPHY OF] pp. 241-251 in Sensory Inhibition.
von Bekesy, Georg (Laboratory of Sensory Science, University of Hawaii, Honolulu).
1967. Princeton, N. J., Princeton University Press. 265p. $8.50.

Bibliography of the author from 1928 to papers in press in 1966, comprising a list of 122 unannotated references.

5:2

BOOKS.
Alexander Graham Bell Association for the Deaf, Washington, D.C.
1968, Spring. 11p.

Classified list of 158 publications available for purchase from the Alexander Graham Bell Association for the Deaf. Items have one-line annotations and are in the following categories: aphasia, audiometry, auditory training, deaf-blind, language, lipreading, miscellaneous, parents, psychology, speech, and publications from Volta Review. There is a table of contents. Fall and Spring lists are issued, with a symbol to show new additions.

Request list from Alexander Graham Bell Association for the Deaf, 1537 35th St., Washington, D.C. 20007.

5:3 BOOKS IN THE AREAS OF DEAFNESS, SPEECH, AND HEARING.
Gallaudet College Bookstore, Washington, D.C.
1967, Spring. 29p.

Classified list of 212 books currently in print and available for purchase from the Gallaudet College bookstore. Items have short-paragraph annotations and are in the following categories: anatomy and physiology of the ear; aphasia; audiology; auditory training; communication, general; communication, manual; education; language; psychology of deafness; speech; The Foundation of Speech Pathology Series; speechreading; and general. There are an author index and a table of contents. Fall and Spring lists are issued, with titles appearing for the first time preceded by an asterisk.

Request list from Gallaudet College Bookstore, Kendall Green, Washington, D.C. 20002.

5:4 BIBLIOGRAPHY ON DEAFNESS.
Fellendorf, George W., ed. (The Volta Bureau, Alexander Graham Bell Association for the Deaf, Inc., Washington, D.C.)
1966. Washington, D.C., Alexander Graham Bell Association for the Deaf. 148p.

Selected index of articles from The Volta Review (1899-1965) and the American Annals of the Deaf (1847-1965). This bibliography lists about 3,450 articles by about 1,400 writers, many of whom have substantially influenced methods and philosophies in the education of the deaf in the United States and abroad. A special attempt was made to retain articles reflecting such controversies as residential vs. day schools, manual vs. oral communication, and deaf vs. hearing teachers. Each article is listed only once under one of 28 subject categories. Under each category, entries are arranged alphabetically by author, separately for the Review and the Annals. There is an author index.

Volta Bureau, 1537 35th St., N.W., Washington, D.C. 2007. $10 casebound; $3.50 paperback.

DELAYED AUDITORY FEEDBACK: A BIBLIOGRAPHY.

SEE 5:17

5:5

BIBLIOGRAPHY ON FUNCTIONAL HEARING LOSS, chap. 9, pp. 262-272, in Multidiscipline Study of Functional Hearing Loss, edited by Ira M. Ventry and Joseph B. Chaiklin.
Ventry, I.M.; Chaiklin, J.B.; Deatsch, W.W., et al. (University of California Medical Center, San Francisco).
1965. J. Aud. Res. 5(3):179-272 (Jul).

Comprehensive bibliography of 401 references to books, articles, and theses on or related to functional hearing loss. Coverage is international in scope, with references from the years 1840-1964. Sources used in preparing this bibliography included the Journal of Speech and Hearing Disorders, Journal of Speech and Hearing Research, dsh Abstracts, Archives of Otolaryngology, The Laryngoscope, Acta Oto-Laryngologica, Psychologic Abstracts, Excerpta Medica (Section 11), Index Medicus, and Stevens and others' Bibliography on Hearing. In so far as possible, each reference was checked with the original publication for accuracy and relevance. References are arranged alphabetically by author; no subject index.

5:6

BIBLIOGRAPHY ON HEARING.
Stevens, S.S., director; Loring, J. G. C., compiler, and Cohen, D., technical editor (Psycho-acoustic Laboratory, Harvard University).
1955. Cambridge, Mass., Harvard University Press. 599p. $7.00.

Alphabetical listing by author of well over 10,000 titles in the literature of audition to 1952. This work is an enlargement of A Bibliography in Audition compiled by George A. Miller and others, published in 1950. Professor W. A. Rosenblith was adviser and consultant in the collecting of the references. Only a small proportion of the titles were taken from original sources. Foreign titles are translated into English. Finding of references is based on the classification of titles into 13 main headings and 3 levels of subheadings to a total of 315 categories. Each entry, identified by the name of the first author, is placed in one or more of the numbered categories. The assignment of an entry to a given category rests on the judgment of the various compilers, who in most instances had only the title to go by. Therefore, according to the authors, the classification is perhaps more suggestive than definitive. By browsing the detailed subject classification, however, the user may be started on a fruitful trail in searching out the literature on a given topic. A list of abbreviations to journal names is given, with definitions of relatively unfamiliar words.

5:7 HEARING AND DEAFNESS: A SHORT LIST OF BOOKS.
Royal National Institute for the Deaf, Library.
1966, July. London, The Institute. 4p. mimeographed.

List of 53 references specially prepared for anyone with little or no knowledge on the problems of hearing and deafness to acquire a general background in the subject. Entries are arranged under general subject headings. All are references to British and American (U.S.A.) publications.

Available free from the Royal National Institute for the Deaf, 105 Gower St., London W.C. 1, England.

5:8 HEARING IMPAIRMENT AND MENTAL RETARDATION: A SELECTED BIBLIOGRAPHY.
Anderson, Robert M. (University of Pittsburgh, Pittsburgh, Pa.).
1965. Volta Rev. 67:425-432. 8p.

Bibliography of 100 references pertinent to clinical and educational programs for children who are both auditorially impaired and mentally retarded. The bibliography is for parents and laymen, as well as teachers and other professional personnel, and is intended to focus attention on needed educational services. All items are in English and nearly all from the years 1950-1964. Arrangement is alphabetical by author. Preceding the bibliography is a brief review of studies of multiple disabilities in children.

5:9 NOISE-INDUCED HEARING LOSS: ANNOTATED BIBLIOGRAPHY, 1958-1964. [Includes supplementary references for 1965.]
Warren Spring Laboratory, Stevenage, Hertfordshire, England.
1966, April. 38p.

Bibliography of 368 items on noise-induced hearing loss primarily for use by the Warren Spring Laboratory. Items are arranged in numerical order. Each entry has two separate parts - a citation and an annotation ranging from one line to complete paragraphs. Articles and other works listed are from the international literature, including Russian, Japanese, and many European publications. There is no index or table of contents.

Available from Warren Spring Laboratory, Gunnels Wood Road, Stevenage, Hertfordshire, England. 52s. ($6.30).

PSYCHOACOUSTICS - A SELECTED BIBLIOGRAPHY. 5:10
American Foundation for the Blind, Inc., New York, N.Y.
Dimmick, Kenneth (University of Arizona, Tucson).
1966, March. 24p.

Bibliography of 238 references to articles, reports, and books relating to psychoacoustics particularly as important in research with the blind and severely visually impaired. Items are alphabetically by author. References included are nearly all to English-language publications and from the years 1934-1965, with emphasis on recent years.

Request information on availability from the International Research Information Service (IRIS), 15 West 16th St., New York, N.Y. 10011.

RARE BOOKS AT THE VOLTA BUREAU. 5:11
Anonymous.
1965. Volta Rev. 67:664-645,658. 3p.

Bibliography of 19 items in the rare book collection of the Volta Bureau of the Alexander Graham Bell Association for the Deaf. Some of the books in the library include works donated by Melville Bell and by his son Alexander Graham Bell. Additions to this library are made by purchase and by donations of complete libraries as well as individual books and papers. Titles of this sampling are in English, Italian, German, and French and date from the 17th, 18th, and 19th Centuries.

SPEECH AND HEARING REHABILITATION; AN ANNOTATED CHECKLIST OF RECENT BOOKS AND PAMPHLETS (REV.).

SEE 5:21

AN ANNOTATED BIBLIOGRAPHY OF PUBLICATIONS ON TESTING THE HEARING OF INFANTS. 5:12
McCroskey, Robert L. (Emory University, Atlanta, Ga.) and Bell, Marian A. (Atlanta Speech School, Atlanta, Ga.).
1965. Volta Rev. 67:548-558,592-593(Oct).

Annotated bibliography of 49 items on hearing tests conducted on infants. This is not a comprehensive list of audiological procedures with children but is a guide for those who are interested in knowing the kinds of techniques which have been used to assess the auditory functions of infants. The bibliography is a result of a survey of literature which was completed in conjunction with the Home Training Program for Deaf Infants at the Atlanta Speech School. Entries are arranged alphabetically by author.

LANGUAGE

5:13 A SELECTED BIBLIOGRAPHY OF ACQUIRED VERBAL IMPAIRMENT SECONDARY TO BRAIN DAMAGE IN ADULTS.
Institute of Rehabilitation Medicine, New York University Medical Center.
Compiled by Martha Taylor Sarno and Elaine Sands.
1967. New York, The Institute. 43p. (Rehab. Monogr. 34).

Bibliography of over 450 references to publications on aphasia and dysarthria. Linguistics, speech science, experimental psychology, and learning theory are heavily represented, reflecting a primary interest in aphasia rehabilitation. References from foreign journals are not included; nor are references to publications on 'childhood aphasia' or other developmental language failures; nor are subjects not a part of the aphasia syndrome, although related, such as intellectual impairment secondary to brain damage. Bibliographic items are alphabetical by author and without an index.

Available from the Publications Division, Institute of Rehabilitation Medicine, 400 East 34th St., New York, N.Y. 10016. $1.50.

5:14 INDEXED BIBLIOGRAPHY ON THE EDUCATIONAL MANAGEMENT OF CHILDREN WITH LEARNING DISABILITIES (MINIMAL BRAIN DYSFUNCTION).
Edgington, Ruth, and Clements, Sam D. (University of Arkansas Medical Center, Little Rock).
1967. Chicago, Argus Communications. 109p., paper. $1.75.*

Selective bibliography of 370 references to the major subject areas relating to learning disabilities, defined as the educational counterpart of minimal brain dysfunction. The preface is devoted to a specification of these terms. References are arranged alphabetically by author. They are preceded by an elaborate index with 19 subject categories considered basic: General concepts of education for children with specific learning disabilities; Perception (with 9 subcategories); Cerebral dominance; Conceptualization--thinking disorders; Behavior disorders; Language disorders; Speech disorders; Team approach in diagnosis and treatment; Counseling with parents; Types of programs; Ancillary services; Basic tool subjects (with 6 subcategories); Classroom management; Educational supplies and devices; Outlook for the child's future; Vocational guidance; Teacher characteristics; Teacher training--recruitment, requirements, and places of training; Public relations. References are listed by number under these categories with additional information on whether the article is concerned mainly with one or more of the following: background and theory; assessment; training procedures. The authors have limited the bibliography to those publications that they "have had at hand and have examined" and state that inclusion does not imply approval or disapproval. Literature cited is in English and of the years 1917-1966, with a preponderance of recent publications.

*Order from: Argus Communications, 3505 N. Ashland Avenue, Chicago, Ill. 60657.

HUMAN LATERALITY IN LEARNING AND APHASIA. 5:15
National Library of Medicine, Bethesda, Md.
1967. Literature Search 14. 6p.

Bibliography of 105 citations from the medical literature of mid-1963 to August 1967, compiled by the Library's computerized Medical Literature and Retrieval System (MEDLARS). Items include descriptors assigned from the Library's categorized list of Medical Subject Headings.

Single copy may be ordered without charge by number and title from the National Library of Medicine, 8600 Rockville Pike, Bethesda, Md. 20014.

A BIBLIOGRAPHY ON THE NATURE, RECOGNITION AND TREATMENT OF LANGUAGE DIFFICULTIES (REV. ED.). 5:16
Prepared by Margaret B. Rawson for the Orton Society, Inc.
1967. Pomfret, Conn., Orton Society. 104p.

Selected reading and reference list of 415 items for persons concerned with language disorders, especially specific language disability (developmental dyslexia). Items have brief evaluative annotations and are arranged by author in 9 sections: Medicine, neurology, psychology, general; Language and semantics; Education - general; Various developmental and remedial approaches to language learning; Specific language disability; Psychological, achievement, and diagnostic tests; Manuals, work books, instructional materials, and texts for students; Journals: annual, quarterly, monthly; and Bibliographies. The listing is printed with blank pages at the left for the user's convenience in making notes and additions. Blank leaves are provided between sections for the attachment of a supplement. Section 10, References in languages other than English, is projected. At present all references are in English.

May be obtained from either The Orton Society, Box 153, Pomfret, Conn. 06258, or the Educators Publishing Service, Inc., 75 Moulton St., Cambridge, Mass. 02138. $1.50 (orders of 10 or more, $1.00 each).

SPEECH

BOOKS.

SEE 5:2

BOOKS IN THE AREAS OF DEAFNESS, SPEECH, AND HEARING.

SEE 5:3

5:17 DELAYED AUDITORY FEEDBACK: A BIBLIOGRAPHY, pp. 227-236 in Annual Report of the Neurocommunications Laboratory, The Johns Hopkins University School of Medicine, Baltimore.
Fargo, Nancy (Johns Hopkins University, Baltimore, Md.).

Bibliography of 94 items (some annotated) on delayed auditory feedback. The bibliography is arranged alphabetically by author and includes references to journals, theses, and books, international in scope and of the years 1958-1966. This bibliography updates the 1959 bibliography by Chase, Sutton, and First (SEE next item) and the 1963 bibliography of Yates (Psychol. Bull., 60:213-232. SEE under Reviews 1:106.). It does not include references from either of these bibliographies.

Available free as a separate from the Neurocommunications Laboratory, Johns Hopkins University School of Medicine, 601 North Broadway, Baltimore, Md. 21205.

5:18 BIBLIOGRAPHY: DELAYED AUDITORY FEEDBACK.
Chase, Richard Allen; Sutton, Samuel, and First, Daphne (Columbia University College of Physicians and Surgeons, New York City).
1959. J. Speech Hear. Res. 2(2):193-200 (Jun).

Comprehensive bibliography of 101 references to articles, reports, and theses on delayed feedback and a separate bibliography of 46 related papers. The section on auditory feedback has references of the years 1950-1958 and was compiled from a systematic review of the following sources: Journal of Speech and Hearing Disorders, Journal of Speech and Hearing Research, Journal of the Acoustical Society of America, Archives of Otolaryngology, Speech (London), Index Medicus, Current List of Medical Literature, Psychological Abstracts, Doctoral Dissertations, and Dissertation Abstracts. Other titles then current, known through correspondence with the authors, were also added. Related papers, in the second bibliography, were also brought to the attention of the authors through such correspondence. The items of both lists are arranged alphabetically by author and include papers of European origin. The bibliographies are preceded with a short resume of the beginnings of the subject.

THE PERSONALITY, ATTITUDES AND BEHAVIOUR OF PARENTS OF CHILDREN WHO STUTTER: AN ANNOTATED BIBLIOGRAPHY. 5:19
Seligman, Judith (University of Toronto, Ontario, Canada).
1966. J. Ontario Speech Hearing Ass. Pp. 35-106.

Bibliography that is a critical review of those studies in the literature concerned with the personality, attitudes, and behavior of the parents of children who stutter. The author states as purposes (1) to update the literature, (2) to push the research into hitherto uncovered pieces of work, (3) to try to evaluate the literature, and (4) to determine the most promising areas for future research. Each paper listed in the bibliography is described under four headings: purpose, experimental design, summary, and conclusions. Assessments and criticisms are added under a fifth heading. Articles are treated in three categories according to whether the parental personality, the parental attitudes, or the parental behavior were studied.

SPEAKER RECOGNITION, SPEECH CHARACTERISTICS, SPEECH EVALUATION, AND MODIFICATION OF SPEECH SIGNAL--A SELECTED BIBLIOGRAPHY. 5:20
Holmgren, Gary L. (U.S. Army Medical Research Laboratory, Fort Knox, Ky.).
1966. IEEE Trans. Audio Electroacoust. 14(1):32-39 (Mar).

Expansion of the author's earlier paper, "Speech Analysis, Synthesis, and Processing - A Selected Bibliography, 1963." Included are approximately 550 references of international scope intended to provide the researcher with a fairly extensive and representative coverage of the following subareas: speaker recognition by listeners and automatic speaker recognition; perceived characteristics, physical characteristics, and psychophysical judgments of speech; speech intelligibility and articulation and speech analysis and synthesis; speech processing systems, compression, and masking. The bibliography includes books, journals, reports of meetings, and congress proceedings. These items are not classified by subarea but are arranged alphabetically by author.

SPEECH AND HEARING REHABILITATION; AN ANNOTATED CHECKLIST OF RECENT BOOKS AND PAMPHLETS (REV). 5:21
National Society for Crippled Children and Adults, Chicago, Ill.
1966, July. 23p., mimeographed.

Annotated bibliography of 132 books and pamphlets selected as of interest to educational institutions, libraries, and professional persons and students. These titles have been previously reviewed in Rehabilitation Literature and are additions to the Library of the Easter Seal Society. The listing is alphabetical by author within 2 sections - auditory impairments and speech impairments. Literature covers the years 1949-1966. Publications are mostly from the United States, with a few from Switzerland, England, and Scotland.

Free from the National Easter Seal Society for Crippled Children and Adults, 2023 W. Ogden Ave., Chicago, Ill. 60612.

COGNATE AREAS

5:22 A CUMULATIVE BIBLIOGRAPHY ON BRAIN IMPAIRMENT, APHASIA, AND ORGANIC PSYCHODIAGNOSIS, WITH SUPPLEMENTS.
Wepman, J.P. (University of Chicago, Chicago, Ill.).
1961. Chicago, Language Research Associates. 60p. Price includes Suppls. 1 and 2 (combined), 1961-July 1964, 20p.; and Suppl. 3, August 1964-July 1966, 16p.*

Bibliography that covers the areas both of language disturbance and of diagnosis of brain injury. The basic bibliography of 1961 is limited more or less to the literature of the 20 years preceding its publication. More than 1000 references are classified under the following headings: Brain structure, theory, and function; Aphasia, agnosia, and apraxia in adults; Aphasia tests and manuals; Language development and language impairment in children; Aphasia in foreign language books and journals; Organic psychodiagnosis - personality and brain impairment, localization of function; Psychometric and projective test studies; Psychometric and projective tests and manuals; Psycholinguistics; Rehabilitation. At the end of each section are cross references to other sections. The representation of foreign-language journals is small and unselected. In the preface, the author gives further advice to the person approaching the literature of the area. The supplements add about 670 references, in lists that are alphabetical by author. Lists of the journals indexed accompany the basic bibliography and each supplementary issue.

*Order from Language Research Associates, 300 North State Street, Chicago, Ill. 60610. $2.00/single copy; orders of 5 or more, $1.50/copy. Purchasers may obtain future supplements free.

5:23 BRAIN INJURY AND RELATED DISORDERS IN CHILDREN; SELECTED REFERENCES (REV.).
National Society for Crippled Children and Adults, Chicago, Ill.
1967, Feb. 19p., mimeographed.

Annotated bibliography of 87 books, pamphlets, and other publications on the brain-injured child, selected for their interest to individuals, groups, or libraries. Included in this bibliography are references to publications distributed by several state and local organizations for brain-injured children. References are to publications from the years 1937-1966.

Free from the National Eastern Seal Society for Crippled Children and Adults, 2023 W. Ogden Ave., Chicago, Ill. 60612.

5:24

COMMUNICATION SCIENCES AND ENGINEERING, pp. 119-229 in Publications, Research Laboratory of Electronics, 1946-1966, Massachusetts Institute of Technology, Cambridge, Mass.
Compiled by John H. Hewitt and Helen L. Thomas.
1967, July 31. Spec. Tech. Rep. 16. 275p.

Listing of publications and theses resulting from research conducted by staff members of the Research Laboratory of Electronics during the first 20 years of its operations. The area of Communication Sciences and Engineering is divided into 24 research groups, separately listed, of which the following are of special interest in hearing-language-speech science: Cognitive Information Processing; Communications Biophysics; Electroencephalic Activity; Human Communication Systems; Linguistics; Neurology; Neurophysiology; Processing and Transmission of Information; Sensory Aids; Signal Detection by Human Observers; Speech Communication; and Statistical Communication Theory. For each research group, entries are chronological and under the headings Journal Papers, Special Publications, Technical Reports, and Theses. Author and subject indexes are provided the publication as a whole.

Inquire availability from the Research Laboratory of Electronics, Massachusetts Institute of Technology, Cambridge, Mass. 02139.

5:25

A BIBLIOGRAPHY ON NERVE CONDUCTION AND NERVE IMPULSES.
McKeldin, Elizabeth; Newman, Lois, and Wallach, Judith (The RAND Corporation, Santa Monica, Calif.).
1967. Rand Library Literature Search No. 127, reproduced by the Rand Corporation. 28p. AD-654 637.

Bibliography on nerve conduction and nerve impulses, the result of retrospective search of world literature from the year 1952 and continuing to June 1, 1967. The bibliography does not include items dealing with EEG waves, automata, or bionic devices. It does include items on the theory and simulations that apply very closely to the behavior of living nervous tissues and networks. This list is arranged alphabetically by author or main entry and contains 361 references. Works by researchers at the Rand Corporation have not been included.

CFSTI HC $3.00, MF $0.65.

5:26 A BIBLIOGRAPHY IN NEUROPSYCHOLOGY, REVIEWS AND BOOKS, 1960-1965.
National Institute of Mental Health, Bethesda, Md.
Louttit, Richard T.
1966. 26p. PHS-Bibliog-65; PHS-1473.

Bibliographies of review articles and of books on neuropsychology published in the years 1960-1965. Works included meet a definition of neuropsychology as "research involving direct manipulation--anatomical, physiological, or biochemical--of the central nervous system and measurement of resulting effects on behavior; or conversely, research in which measures of changes within the nervous system follow behavioral manipulation." Review articles which deal primarily with drugs, behavioral responses to drugs, or mechanisms of drug action, as well as reviews of brain anatomy or physiology which include little or no reference to behavior, and purely behavioral articles are all excluded. Section 1 lists 220 critical review and theoretical articles alphabetically by senior author. It is followed by a broad-category subject index. Section 2 lists 100 neuropsychological books and is followed by a subject index.

Single copy is free from the Public Inquiries Branch, Public Health Service, Washington, D.C. 20201.

5:27 BIBLIOGRAPHY OF RESEARCH REPORTS AND PUBLICATIONS.
6570th Aerospace Medical Research Laboratories, Wright-Patterson Air Force Base, Ohio. Biodynamics and Bionics Division.
1963, June. 50p.

Bibliography of 451 references, covering publications which have resulted from the research activities of the Biodynamics and Bionics Division of the 6750th Aerospace Medical Research Laboratories. Subject matter is listed under the following headings: Sound Sources and Noise Fields; Sound Propagation; Instrumentation; Noise Control- General; Noise Control Structures; Hearing and Physiology of the Ear; Speech; Biological and Psychological Effects of Noise and Sound; Ear Protection; Mechanical Characteristics of the Human Body. Effects of Vibrations and Shock; General Noise Guides and Criteria; Bionics; Miscellaneous. There is an author index. Chronological arrangement of references within categories lends this bibliography to use for historical background.

Inquire availability from the Biodynamics and Bionics Division, 6570th Aerospace Medical Research Division, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio.

SIGNAL DETECTION THEORY AND PSYCHOPHYSICS: A TOPICAL BIBLIOGRAPHY. Preliminary draft. 5:28
National Academy of Sciences - National Research Council Committee on Hearing, Bioacoustics, and Biomechanics, Washington, D.C.
Egan, James P. (Indiana University, Bloomington).
1967, December. 146p. AD-663 906.

Topical bibliography on signal detection theory primarily for those who are interested in psychophysics, sensory psychology, and perception. The bibliography of about 1000 references is assembled from the point of view of the "stimulus-oriented psychophysicist." The author observes that his selection of references favors psychoacoustics. References are arranged under selected topics of detection, of recognition, and of a signal detection theory, and the listings under each topic are in chronological order. A given reference may occur several times. A detailed hierarchical outline of topics serves as a table of contents.

CFSTI HC $3.00, MF $0.65.

BIBLIOGRAPHY OF SPEECH AND ALLIED AREAS, 1950-1960. 5:29
Mulgrave, Dorothy Irene (New York University, New York); Marlor, Clark, S. (Adelphi College, Garden City, N.Y.), and Baker, Elmer, E., Jr. (New York University, New York).
1962. Philadelphia, Chilton Company. 184p. $6.50.

Selective bibliography of doctoral dissertations and books completed or published during the fifties. "Allied areas" include anatomy, education, fine arts, history, journalism, literature, physiology, and psychology as directly related to speech and drama. Sections of particular interest to hearing-language-speech are Basic Science; Fundamentals of Speech; Speech Education; and Speech and Hearing Disorders. (Other sections are Oral Interpretation; Public Address; Radio and Television; and Theatre.) Items are unnumbered but accessible through a detailed table of contents.

5:30 STUDIES OF RANDOM NOISE: AN ANNOTATED BIBLIOGRAPHY.
Army Missile Command, Redstone Arsenal, Ala. Redstone Scientific Information Center.
Eckstein, Herbert P.
1966. 49p. AD-651 308.

Selected bibliography of 93 items, most of them annotated, on noise and the effects of noise on signals. The articles and reports deal primarily with the mathematical aspects of retrieving from noise signals the information contained in the form of stationary (time-independent) elements. Several surveys on information theory and other interrelated subjects are also included. Source of noise in these studies was either environmental or inherent in the equipment, thus effects of both the atmosphere and other transmitters are included. No studies on noise elimination are included. The bibliography is intended to represent the state of the art rather than to be comprehensive. References are arranged alphabetically by author, and there is an author index. An appendix lists 11 books treating both the physical nature of noise and its statistical properties.

CFSTI HC $3.00, MF $0.65.

5:31 BIBLIOGRAPHY OF TRANSLATIONS IN THE NEURAL SCIENCES 1950-1960.
National Institute of Mental Health, Bethesda, Md.
Prepared by Richard T. Louttit and Michael J. Hanik.
1967. 112p. PHS-1635.

Bibliographic listing of over 1000 research reports in the brain sciences which have been translated into English from the language of original publication. Thirteen countries are represented, but 90 percent of the reports were originally published in Russian. No evaluation has been made of the quality of either the original research or the translation, and no annotation is included. The main listing of articles is alphabetical by senior author and has a broad-category subject index. A separate list of 87 translated books and monographs follows the main listing. Information on ordering translations is given; also a list of additional sources of information on translations.

Single copy is free from Public Inquiries Branch, Public Health Service, Washington, D.C. 20201. For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402: USGPO:1967 0-260-754. $0.60.

DICTIONARIES, GLOSSARIES

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DICTIONARIES, GLOSSARIES

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DICTIONARIES, GLOSSARIES

The section on Dictionaries, Glossaries contains publications of special terms, some of terms in the English language and some bilingual or polyglot. Glossaries usually give only definitions whereas dictionaries more often supply encyclopedic and etymological information, illustrations, and biographical references.

ARRANGEMENT is under major headings of English Language, Special Language of the Deaf, and Foreign Language/English Language. Under each major heading, descriptive items are ordered alphabetically on the first word of the title with subject-matter significance.

HOW TO USE

The section is small enough to be scanned directly.

SOURCES

This list of items was derived from standard library sources and from various Information Center activities.

ENGLISH LANGUAGE

GLOSSARY OF TERMS RELATING TO CHILDREN WITH HEARING PROBLEMS. 6:1
Rushford, Georgina (John Tracy Clinic, Los Angeles, Calif.).
1964. Volta Rev. 66:750-753.

Glossary of 41 terms relating to hearing, hearing loss, and audiometry. Terms are arranged alphabetically with subterms and definitions for types of hearing loss and hearing tests.

Available as Reprint No. 831 from The Volta Bureau, 1537 35th St., N.W., Washington, D.C. 20007. $0.50.

GLOSSARY OF TERMS FROM THE PHYSIOLOGICAL AND ACOUSTIC PHONETIC THEORIES. 6:2
Peterson, Gordon E., and Shoup, June E. (University of Michigan, Ann Arbor).
1966. J. Speech Hear. Res. 9(1):100-120 (Mar).

Separate publication of 235 terms that are formally defined in two theoretical papers of the authors that appear contiguously in the Journal of Speech and Hearing Research - "A Physiological Theory of Phonetics" (9:5-67, 1966) and "The Elements of An Acoustic Phonetic Theory" (9:68-99, 1966). The extraction of the terms with their definitions, and their arrangement alphabetically, are intended to simplify their use with reference to the two theories. No additional definitions were constructed for this glossary. Preceding the list of terms, the authors discuss the importance of definitions in the development of a field.

6:3 A DICTIONARY OF SPEECH PATHOLOGY WITH A SUPPLEMENT ON PHONETIC AND VOICE TERMS (ED. 2).
Robbins, Samuel D., compiler (Emerson College, Boston, Mass.).
1963. Cambridge, Mass., Sci-Art Publishers. 128p. $3.95.

Dictionary of terms and prefixes used in naming disorders of speech and language, with about 800 primary entries and with a 5-page classification of such disorders. About 200 other technical terms in the fields of phonetics, speech, and voice appear as a separate section in the second edition. Definitions have been adapted from the literature on speech disorders and from leading unabridged and medical dictionaries. Name of author is given for some definitions. Word pronunciations, synonyms, and comparisons are given. The author's stated aim is definition of all the known types of speech defects and disorders which occur in speech clinics and in public school classes. No attempt has been made to define syndromes.

6:4 TERMINOLOGY AND NOMENCLATURE, chap. 2, pp. 44-71, in Handbook of Speech Pathology, edited by Lee Edward Travis.
Wood, Kenneth Scott (University of Oregon, Eugene).
1957. New York, Appleton-Century-Crofts. 1088p.

Glossary of over 500 terms used in speech pathology, with a list of 188 roots, prefixes, and suffixes. A bibliography of 22 items includes references to English and foreign-language dictionaries of related areas. A discussion of the general problems of stability of terms and of learning terms precedes the glossary.

Cognate

6:5 USA STANDARD ACOUSTICAL TERMINOLOGY (INCLUDING MECHANICAL SHOCK AND VIBRATION).
Sponsored by the Acoustical Society of America.
1960, May 25. New York, United States of America Standards Institute. 62p. $5.50.*

Standard containing definitions and explanations for 615 terms in the field of acoustics. Terms are presented under the following section headings: General; Levels; Oscillation, Vibration, and Shock; Transmission-Propagation; Complex Parameters of Linear Systems; Transducers and Instruments; Transducer Parameters; Recording and Producing; Underwater Sound; Sonics; Architectural Acoustics; Hearing and Speech (34 terms); Music. A table shows the relations among 3 systems of acoustical units in common use and gives conversion factors. There are 4 other tables, 1 figure, and a subject index.

*Order from the United States of America Standards Institute, 10 East 40th St., New York, N.Y. 10016.

CURRENT CLINICAL DENTAL TERMINOLOGY; A GLOSSARY OF ACCEPTED TERMS IN ALL DISCIPLINES OF DENTISTRY. 6:6
Boucher, Carl O., ed. and comp. (Ohio State University College of Dentistry, Columbus, Ohio).
1963. St Louis, Mo., C.V. Mosby Company. 501p. $11.00.

Glossary of clinical dental terminology, with terms and their definitions from 21 different areas of dental practice. These areas include cleft palate, oral diagnosis, oral medicine, oral pathology, oral physiology, oral roentgenology, oral surgery, and pedodontics. The compilation was made for members of the teaching profession, students, essayists, clinicians, and private practitioners to encourage the correct use of terms in spoken and written communications. The list is drawn from over 10,000 terms and definitions supplied by 52 contributors and collaborators. The main section of the glossary contains the terms arranged alphabetically, with definitions that include the connotations of different areas of specialization. A second section has alphabetical lists of the terms used in each disciplinary area, without definitions. Conversion tables of weights and measures and other information not readily available are contained in an appendix.

THE IRC EXPANDED GLOSSARY OF ELECTRONICS TERMINOLOGY. 6:7
International Resistance Company, Philadelphia, Pa.
1965, May 1. 28p. Paperbound.

Illustrated glossary of 764 terms and abbreviations "in wide use-- and some misuse" in the field of electronics. The Company also distributes a shorter, pocket-size version called the IRC Condensed Glossary.

Request copies from the International Resistance Company, 401 North Broad St., Philadelphia, Pa. 19108.

A DICTIONARY OF AMERICAN HOMOPHONES AND HOMOGRAPHS. 6:8
Whitford, Harold C. (Teachers College, Columbia University, New York City).
1966. New York, Teachers College Press. 83p. $2.00.

Dictionary intended primarily for foreign students of English who are confused by different words that sound alike (homophones) and by different words that are written alike (homographs). The main section lists over 1000 homophones and 160 homographs. For each there are single or multiple definitions, pronunciation equivalents, and one or more illustrative sentences. There is an additional listing of 800 less frequently used homophones and 60 homographs. Exercises are provided by which the student may test his knowledge.

6:9 CONCISE HANDBOOK OF LINGUISTICS, A GLOSSARY OF TERMS.
Steible, Daniel J. (Our Lady of Cincinnati College, Cincinnati, Ohio).
1967. New York, Philosophical Library. 146p. $6.00.

Glossary of 603 terms for the student of English linguistics. The author's aim is to provide brief and simplified explanations of the terms in wide use by linguists and teachers of linguistics, with examples and cross-references. Excluded are most literary terms and terms of traditional grammar; historical terms; and highly technical terms having to do with the speech organs, phonetics, acoustics, and computer science. Appendixes include a list of symbols and abbreviations used by linguists; line diagrams of the speech organs; a simplified phonemic alphabet; and phonetic charts.

6:10 GLOSSARY OF LINGUISTIC TERMINOLOGY.
Pei, Mario (Columbia University, New York City).
1966. Garden City, N.Y., Anchor Books, Doubleday and Company.
299p. $1.95, paper.

Glossary of about 1800 terms for the beginning and advanced student of linguistics. The author has tried to include the general terminology used by linguists of a certain stature that has gained a measure of acceptance. Authority has been given for many terms, especially where definitions are contradictory or controversial. Other useful features are synonyms, opposites, and abundant cross-referencing.

6:11 DORLAND'S ILLUSTRATED MEDICAL DICTIONARY (ED. 24).
1965. Philadelphia, W.B. Saunders Company. 1724p. $13.00.

Standard dictionary of medical terminology, stating its purpose beyond a record of usage as the maintenance of standards of etymological propriety and of selection. This edition contains a major revision of anatomical vocabulary to provide terms and definitions in accord with the Nomina Anatomica approved by the 6th and 7th International Congresses of Anatomists. The alphabetical listing of terms is preceded by a discussion of "Fundamentals of Medical Etymology," by Lloyd W. Daly. Also named are 10 editorial consultants and 58 contributors. Among the entries, terms consisting of two words are usually defined under the second or principal word. Included are bibliographic information on eponymic terms; phonetic respelling to indicate the commonly heard pronunciation of terms; information on etymology and irregularly formed plurals. There are 51 plates, other occasional illustrations, and 19 tables that assemble related data.

STEDMAN'S MEDICAL DICTIONARY; A VOCABULARY OF MEDICINE AND ITS ALLIED SCIENCES WITH PRONUNCIATIONS AND DERIVATIONS (ED. 21). 6:12
1966. Baltimore, Md., Williams and Wilkins. 1836p. $14.00.

Standard dictionary of medical terminology, stating its philosophy as that of "a working dictionary, a record of a living language," which must spell, pronounce, and define words as they are used, although it can suggest or set standards. This edition contains 9,183 new entries and more than 8,897 revised entries. Named are 27 consulting editors and 38 aides, the latter to the consultant in dentistry. The vocabulary listing includes and defines every term listed in the Nomina Anatomica Parisiensia as modified by the 7th International Congress of Anatomists. There is a chapter on "Medical Etymology," with lists to assist in analysis and formation of words. Vocabulary entries include an indication of pronunciation; etymological information; spelling variations; eponymic biographies with cross-referencing to the entity involved. There are 31 color plates, 10 other plates, 374 text figures, and over 120 tables assembling data. Among the 10 appendices is a separate "Glossary of Prosthodontic Terms."

A COMPREHENSIVE DICTIONARY OF PSYCHOLOGICAL TERMS; A GUIDE TO USAGE. 6:13
English, Horace B. (Ohio State University, Columbus), and English, Ava Champney.
1958. New York, David McKay Company. 594p. $10.75; text ed. $8.00.

Dictionary of terms frequently used in a special or technical sense by psychologists, including some from mathematics, the natural and social sciences, and medicine. In general these terms denote mental and behavioral phenomena and the concepts and constructs used in ordering these phenomena. Psychiatric and psychoanalytic terms are included. Although this is primarily a defining dictionary, there are about 288 general articles that go considerably beyond the other entry terms in information given. Some cross-referencing of information is accomplished by listing under the most distinctive word of a phrase or compound term. Terms with the meanings of everyday speech have been excluded; foreign terms are included only when at least half-naturalized in English. Pronunciation appears for words likely to give trouble; and irregularly formed inflections and parts of speech are indicated. The listing is alphabetical and includes commonly used symbols and abbreviations.

HANDBOOK OF PSYCHOLOGICAL TERMS. 6:14
Harriman, Philip L. (Bucknell University, Lewisburg, Pa.).
1965. Totowa, N.Y., Littlefield, Adams and Co. 222p. $1.95, paperbound.

Illustrated glossary intended as an inexpensive and convenient reference to terms and concepts with technical meanings in psychology and cognate fields. The author states that, although it was prepared primarily for the undergraduate or first-year student, it will serve the general reader of psychological literature as well. There are 4000 terms, combining forms, and abbreviations with short definitions.

SPECIAL LANGUAGE OF THE DEAF

6:15 A DICTIONARY OF AMERICAN SIGN LANGUAGE ON LINGUISTIC PRINCIPLES.
Stokoe, William C., Jr.; Casterline, Dorothy C., and Croneberg, Carl C.
1965. Washington, D.C., Gallaudet College Press. xxxiii, 346p. $6.95.

Dictionary with written description of American sign language (ASL). The graphic system used follows principles of structural linguistic analysis and is explained in a long introduction. Three aspects of signs are used and given convenient labels: the place where the sign is made (tab), the configuration of the active hand or hands (dez), and the action of the hand or hands (sig). These three aspects are the basis for a table of 55 symbols which with additional conventions provide an abbreviated notation. Line drawings and photographs supplement written descriptions. Signs in the dictionary are listed in the order of the symbols used to write them, with the proper order of symbols determined by their order in the table of symbols. The dictionary entry gives information for each sign such as symbols, variants, nature, how made, special usage, syntactic value, English glosses, examples, and cross-references. Appendices discuss the ALS syntax, name and number signs, linguistic community and dialects. There is a bibliography of 11 annotated references and an index of English words.

FOREIGN LANGUAGE/ENGLISH LANGUAGE

6:16 A DICTIONARY OF PROFESSIONAL TERMINOLOGY OF SPEECH PATHOLOGY AND AUDIOLOGY: GERMAN-ENGLISH\ENGLISH-GERMAN.
Mueller, Peter B. (Auburn University, Auburn, Ala.).
1967. Springfield, Ill., Charles C Thomas. 53p. $5.00.

Two-section dictionary of modern professional terminology of speech pathology and audiology, intended for use in translating from German to English or vice versa. Most of the terms included were obtained through a search of current professional journals and periodicals. Terms are arranged in alphabetical order in the two sections. The German-English section includes 1663 terms and gives information on the gender of nouns. The English-German section lists 789 terms and gives abbreviated grammatical information on them.

GLOSSARY OF SOME TECHNICAL TERMS IN THE FIELD OF THE TEACHING AND THE EDUCATION OF THE DEAF, pp. 1113-1167 in Report of the Proceedings of the International Congress on Education of the Deaf and of the Forty-first Meeting of the Convention of American Instructors of the Deaf. 6:17
Tervoort, Bernard Th. (Instituut voor Doven, St. Michielsgestel, The Netherlands).
1963. Washington, D.C., U.S. Senate, 88th Congress, 2d Session. Document No. 106. 1270p.

Multilingual table of 899 terms, listed alphabetically in English with equivalents in French, German, Spanish, Swedish, and Dutch. Terms are highly relevant to hearing-language-speech, providing a useful vocabulary in six languages. Separate alphabetical listings of the terms in each language other than English provide indexes to the multilingual list. Thus, for each term in any of the languages, it is possible to find the equivalent term in any other of the languages.

Available as a separate reprint from American Annals of the Deaf, Gallaudet College, Washington, D.C. 20002. $1.00.

Cognate

GERMAN-ENGLISH GLOSSARY OF NEUROPHYSIOLOGY. 6:18
Morrell, Roger Merritt, ed.
1958. New York, Consultants Bureau. $12.50.

List of approximately 9000 German terms with their English equivalents in the areas of neuroanatomy, biochemistry, physiology, neurology, electrical engineering, and electronics, as well as certain idioms and selected general vocabulary. This compilation began with the author's preparation for the language requirement for a degree in physiology.

Foreign-language/English-language dictionaries for medicine and science are available in all larger libraries. References to a few are listed here:

6:19 ENGLISH-FRENCH, FRENCH-ENGLISH DICTIONARY OF MEDICAL AND ALLIED SCIENCES.
Lepine, Pierre (L'Institut Pasteur, France).
1952. London, H.K. Lewis. 829p. 63s.
British edition of DICTIONNAIRE FRANCAIS-ANGLAIS, ANGLAIS-FRANCAIS DES TERMES MEDICAUX ET BIOLOGIQUES.

6:20 DICTIONARY FOR PHYSICIANS. VOL. 1, GERMAN-ENGLISH (ED. 2).
Lejeune, Fritz, and Bunjes, Werner E.
1968. Stuttgart, Georg Thieme Verlag (New York, Intercontinental Medical Book Corporation). 459p. $17.50.

6:21 RUSSIAN-ENGLISH MEDICAL DICTIONARY.
Jablonski, Stanley (National Library of Medicine, Washington, D.C.); edited by Ben S. Levine.
1958. New York, Academic Press. 423p. $12.50.

6:22 FRENCH-ENGLISH SCIENCE DICTIONARY; FOR STUDENTS IN AGRICULTURAL, BIOLOGICAL, AND PHYSICAL SCIENCES WITH A REVISED SUPPLEMENT OF TERMS IN AERONAUTICS, ELECTRONICS, RADAR, RADIO, TELEVISION, ATOMIC ENERGY, NUCLEAR SCIENCE AND TECHNOLOGY, AND A NEW GUIDE FOR TRANSLATORS (ED. 3).
DeVries, Louis (Iowa State University).
1962. New York, McGraw-Hill Book Company. 655p. $10.50.

6:23 GERMAN-ENGLISH SCIENCE DICTIONARY FOR STUDENTS IN CHEMISTRY, PHYSICS, BIOLOGY, AGRICULTURE, AND RELATED SCIENCES.
DeVries, Louis (Iowa State University).
1959. New York, McGraw-Hill Book Company. 592p. $7.00.

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HANDBOOKS

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INTRODUCTION

HANDBOOKS

The reference publications included in this section on Handbooks are of three kinds: (1) the large, comprehensive, and authoritative "Handbuch"-type publication which reviews a broad subject according to a plan and is frequently referred to as an "advanced textbook and reference work"; (2) the small handbook which has characteristics as above but is a condensation of material; and (3) special compilations of professional subject matter such as methods manuals.

ARRANGEMENT is by major subject field. Under the heading for each field, descriptive items are arranged alphabetically by title. Items related to each field are appended to that field under the heading cognate.

HOW TO USE

1. To find handbooks within subject areas, use the contents listing of this section.
2. To find information on a handbook of known title, use the general Index to Titles.

SOURCES

This list of items was derived from standard library sources and from various Information Center activities.

AUDIOLOGY

7:1

APPLIED AUDIOLOGY FOR CHILDREN (ED. 2).
Dale, D.M.C. (London University Institute of Education, London, England).
1967. Springfield, Ill., Charles C Thomas. 159p. $7.75.

Handbook and text to help professional workers and parents make the most use of sound in the treatment of hearing-impaired children. Results of modern research on hearing, speech, and deafness by many workers and their relevance to the needs and problems of children in experiencing sound are summarized and explained. Numerous illustrations including a series of photographs of visible speech recordings are included in this volume as well as several appendixes containing word lists. Bibliography of 206 items and subject index.

7:2

AUDIOLOGY (ED. 2).
Newby, Hayes A. (Stanford University School of Medicine, Stanford, Calif.).
1964. New York, Appleton-Century-Crofts. 400p. $6.75.

Text and reference book written primarily for beginning or advanced students of audiology, but also as a reference for physicians, psychologists, speech pathologists, and others concerned with hearing and deafness. Chapters 1-4 and 10-13 survey the field, covering the lineage of audiology, the hearing mechanism and its disorders, development of tests, the handicap, training, rehabilitation, and the profession of audiology. Chapters 5-9 deal specifically with hearing measurements, covering pure-tone and speech audiometry, special problems in testing, public school programs, and industrial audiology. An appendix contains word lists for speech audiometry. There are name and subject indexes. Literature cited is footnoted throughout the text, and each chapter is followed by references for supplemental reading.

7:3 AUDIOMETRY: PRINCIPLES AND PRACTICES.
Glorig, Aram, ed. (Callier Hearing and Speech Center, Dallas, Tex.).
1965. Baltimore, Md., Williams and Wilkins Company. 271p. $9.75.

State-of-the-art summary of authoritative information on the various facets of audiometry, intended "to present the most advanced thinking in language acceptable to the neophyte as well as the master." The book is sponsored by the American Academy of Ophthalmology and Otolaryngology, undertaken at the request of the Committee on Conservation of Hearing. It is intended for the use of otolaryngologists and audiologists in practice or in training; also industrial physicians and nurses, pediatricians, and general practitioners, special education teachers, psychologists, safety engineers, school audiometrists, and hearing aid dealers. Appendix 1 is a 12-page glossary of some common terms used in audiometry. Appendix 2 is called "The International Standard Reference Zero for Pure-tone Audiometers and Its Relation to the Evaluation of Impairment of Hearing."

7:4 AUDITORY DISORDERS IN CHILDREN; A MANUAL FOR DIFFERENTIAL DIAGNOSIS.
Myklebust, Helmer R. (Northwestern University, Evanston, Ill.).
1954. New York, Grune and Stratton. 367p. $6.75.

Manual of clinical procedures and techniques useful to making a differential diagnosis of auditory disorders in infants and children too young for verbal procedures. This book is written primarily for the pediatrician, audiologist, psychologist, and otolaryngologist; for the practitioner and the student in training. The manual has 14 chapters in 5 parts: Introduction, containing a discussion of the problem of auditory disorders, the relation to language development, and the role of professional specialization; The History, covering differential history taking and interpretation; Behavioral Symptomatology, discussing the auditory disorders due to peripheral deafness, aphasia, psychic deafness, and mental deficiency; Examination Methods and Procedures, covering the use of tests, examination of auditory capacity, and psychological examination; Illustrative Cases and Recommendations, with case studies and recommendations for training. Summary descriptions at the end of each chapter may be used as a guide to clinical procedure without reference to the full discussion. There are author and subject indexes.

7:5 HEARING ENHANCEMENT.
Victoreen, John A. (Colorado Victoreen Laboratory, Colorado Springs).
1960. Springfield, Ill., Charles C Thomas. 183p. $7.50.

Handbook and elementary text on the measurement of residual hearing and its enhancement, written primarily for hearing-instrument dispensers, audiologists, and otologists. The author has tried to write in terms acceptable to all three groups and "to present the fundamental principles of acoustics and physics as they apply to hearing enhancement in the simplest possible terms, while carefully preserving scientific accuracy." The numerous explanatory figures and tables originated in the author's laboratory. There are test questions at the end of each chapter; no bibliography. Subject index.

Cognate

ACOUSTIC BEHAVIOUR OF ANIMALS. 7:6
Busnel, Rene-Guy, ed. (Institut National de la Recherche Agronomique,
Jouy-en-Josas, S.-et-O., France).
1963. New York, Elsevier. 933p. $45.00.
Compiled for the International Committee on Biological Acoustics.

Compilation of writings on animal sounds and communication, intended to support the exchange of information among workers in the field and at the same time afford the nonspecialist a review of current progress in selected areas of bioacoustics. There are 25 contributions, in English and by 24 members of the International Committee on Biological Acoustics (mostly of France and the U.S.A., also England, Germany U.S.S.R., and Finland) who have interests in comparative physiology, animal behavior, sensory and neurophysiology, ecology, taxonomy, and evolution. The introductory chapters of the book discuss definitions, principles, methods, and equipment relating to the reception and recording of animal sounds. Separate sections are given to general and specific aspects of animal acoustics; technical aspects of the emission and reception of sounds; and acoustic behavior. There are lists of references at the end of each chapter, several with over 200 items, and addenda of more recent material to 6 chapters. An alphabetical glossarial index amplifies the text's discussion of terminology. There are systematic and alphabetical indexes to scientific and common names. The book has 65 tables and 415 figures.

ACOUSTIC MEASUREMENTS. 7:7
Beranek, Leo L. (Massachusetts Institute of Technology, Cambridge, Mass.).
1949. New York, John Wiley and Sons. 914p. $13.95.
Prepared under the auspices of the Office of Naval Research, Navy Department, Washington, D.C.

Reference book intended primarily for graduate students and workers in the field of acoustics. Book is aimed at 5 main groups of research workers: the acoustic physicist, the communications engineer, the psychologist, the otologist, and the industrialist applying acoustic measuring techniques in manufacturing processes. There are 20 chapters. Of particular interest to hearing-language-speech are: Microphones and Ears (Chap. 5); The Audiometer (Chap. 8); and Articulation Test Methods (Chap. 17). Author and subject indexes.

7:8 HANDBOOK OF MATHEMATICAL PSYCHOLOGY.
Luce, R. Duncan (University of Pennsylvania, Philadelphia); Bush, Robert R. (University of Pennsylvania, Philadelphia), and Galanter, Eugene (University of Washington, Seattle), eds.
1963-1965. New York, John Wiley and Sons. 3 vols.*

Broad survey of mathematical applications in psychology, intended both as a guided tour of the research literature for the expert and as an introduction for those knowing little of the field. The first volume treats measurement and psychophysics and also has two largely methodological chapters. The second volume treats the main body of mathematical learning theory; also, language and social interaction. The third volume has chapters on sensory mechanisms, learning, preference, stochastic processes, and functional equations. Some topics of mathematical psychology not included are information theory, psychometric scaling, factor analysis, and test theory. The reader is presumed to have mathematical skills and access to certain basic reference books that are listed. Chapters with particular relation for hearing-language-speech include: 5, "Psychophysical Scaling" by R. Duncan Luce and Eugene Galanter; 11, "Introduction to the Formal Analysis of Natural Languages" by Noam Chomsky; 13, "Finitary Models of Language Users" by George A. Miller and Noam Chomsky; and 15, "Analysis of Some Auditory Characteristics" by Jozef Zwislocki. Author and subject indexes with each volume.

*Vol. 1 (Chaps. 1-8), 1963, 491p., $10.50. Vol. 2 (Chaps. 9-14), 1963, 606p., $11.95. Vol. 3 (Chaps. 15-21), 1965, 537p., $11.95.

7:9 HANDBOOK OF NOISE MEASUREMENT (ED. 6).
General Radio Company, West Concord, Mass.
Peterson, Arnold P.G., and Gross, Ervin E.
1967. 282p. $1.00, paperbound.

Reference source for information on measurement of noise and vibration. Although the measuring equipment described is limited to one manufacturer, the book is usable as a reference with other types of equipment as well. The purpose of the booklet is to help those who are faced, perhaps for the first time, with the necessity of making sound and noise measurements. There are appropriate chapters on terminology and definitions of measures; the use and selection of measuring instruments; and the solving of typical problems. Appendixes and index.

[Edition 5 (1963) has been examined.--Ed.]

HANDBOOK OF PHYSIOLOGY. SECTION 1. NEUROPHYSIOLOGY. 7:10
Field, John, ed.-in-chief; Magoun, H.W., sect. ed., and Hall, Victor E., exec. ed. (University of California, Los Angeles).
1959-1960. Washington, D.C., American Physiological Society. 3 Vols., 2013p.*

Comprehensive and critical handbook of neurophysiological knowledge and concepts, addressed primarily to professional physiologists and advanced students in physiology and related fields. The work is organized on a consistent plan to give balanced coverage of individual areas, with appropriate quantitative and qualitative detail, illustration, and documentation. The 81 authors were chosen for their international professional standing. Of particular interest to hearing-language-speech are the following articles: Vol. 1, Sensory Mechanisms, by Lord E.D. Adrian (Ch. 15); Vestibular Mechanisms, by B.E. Gernandt (Ch. 22); Excitation of Auditory Receptors, by Hallowell Davis (Ch. 23); Central Auditory Mechanisms, by Harlow W. Ades (Ch. 24). Vol. 2, Sensorimotor Cortical Activities, by C.A. Terzuolo and W.R. Adey (Ch. 33). Vol. 3, The Neural Basis of Learning, by Robert Galambos and Clifford T. Morgan (Ch. 61); and Speech, by O.L. Zangwill (Ch. 68). There is an author and subject index for Volume 1 and for Volume 2; cumulated author and subject indexes in Volume 3.

*Vol. 1, 1959, $22.00. Vols. 2-3, 1960, $20.00 each.

METHODS IN PSYCHOPHYSIOLOGY. 7:11
Brown, Clinton C., ed. (Johns Hopkins University School of Medicine, Baltimore, Md.).
1967. Baltimore, Md., Williams and Wilkins Company. 502p. $16.75.

Handbook "conceived as a single source for the presentation of the latest developments of the most used and potentially most useful methods and procedures in psychophysiology." The individual authors were selected not only for technical knowledge of their specialties but also for ability to communicate their subject matter well. The book is directed to the psychophysiologist, also the clinical practitioner, teacher, and other researcher. In general, the writers trace the development of a measure, discuss the physiological phenomena involved, and propose a procedure for measurement considered optimal for sensitivity and accuracy. Of the 16 chapters, the following appear to contain measures that are relevant to some aspect of hearing-language-speech science:

5. Interarea Electroencephalographic Phase Relationships, by Chester W. Darrow.
10. Research Electroencephalography, by Curtis Marshall.
11. On the Nature of Classical Conditioning, by Roscoe A. Dykman.
12. Operant Conditioning, by Keith Murray.
13. Data Storage, by George N. Webb.
14. Telemetry and Telestimulation, by R. Stuart Mackay.
15. The Measurement of Physiological Phenomena, by Leslie A. Geddes.
16. The Laboratory Computer in Psychophysiology, by Bernard Weiss and Louis Siegel.

There is a subject and author index.

OTOLARYNGOLOGY

7:12 DISEASES OF THE EAR (ED. 2).
Mawson, Stuart R. (King's College Hospital, London, England).
1967. London, Edward Arnold. 554p. $19.00.

Textbook on diseases of the ear written primarily with the postgraduate student in mind. Also intended as a useful reference for general practitioners, house surgeons, consultants, and all who treat patients with aural conditions. A section of the book discusses anatomy, physiology, and other introductory subjects. Classical division of subjects into diseases of the external, middle and internal ear is followed. There is a section on operative surgery at the end of the book. All of the illustrations in the book are original. Subject index.

7:13 DISEASES OF THE EAR, NOSE AND THROAT (ED. 2).
Scott-Brown, W.G.; Ballantyne, John, and Groves, John, eds. (Royal Free Hospital, London, England).
1965. London, Butterworth and Company. Vol. 1, 792p.; Vol. 2, 838p. $70.00.

Comprehensive textbook and reference work, intended for the advanced student of otorhinolaryngology as well as the general practitioner. Volume 1 treats the nose and paranasal sinuses (Part 1, with 15 chapters) and the larynx and tracheobronchial tree (Part 2, with 16 chapters). Volume 2 treats the pharynx and esophagus (Part 1, with 10 chapters) and the ear (Part 2, with 19 chapters). There are 34 British contributors to this work. Each part is prefaced with chapters on basic anatomy and physiology, followed by a minimized discussion of methods of examination and an elaboration of diseases and their treatment. Chapters on voice and speech were introduced to this revised edition. References follow each chapter, and each volume and a general subject index and a symptom index. There are 27 color plates as well as numerous halftone and line illustrations.

OTOLARYNGOLOGY (1968 EDITION). 7:14

Schenck, Harry P., ed.-in-chief (University of Pennsylvania, Philadelphia).
1968. Hagerstown, Md., Hoeber Medical Division, Harper and Row. 5 Vols.

Set of loose-leaf volumes of uninterrupted text and illustrations, intended to serve as an up-to-date clinical reference to the aspects of medicine and surgery pertaining to ear, nose, and throat problems. Revision is made annually; in 1967, about 400 new pages were sent to subscribers for the replacement of outmoded material and incorporation into about 4 or 5 thousand pages of existing text. Volume 1 has 12 chapters on anatomy, physiology, embryology, and pathology of the ear; functional hearing tests; deafness; and surgery. Volume 2 has 32 chapters dealing with deafness, hearing aids, rehabilitation, tumors of the ear, and surgery. Volume 3 has 29 chapters on anatomy, physiology, and pathology of the nose and sinuses; allergies; tumors of the nose and surgery. Volume 4 has 33 chapters on anatomy and pathology of the nasopharynx, pharynx, oral cavity, and larynx. Volume 5 has 36 chapters dealing with diseases of larynx, esophagus, and respiratory tract; surgical and radiation treatments of carcinoma of the larynx and the neck; and otorhinolaryngologic aspects of subject such as the pharmacology, therapeutics, anesthesia, and prostheses. There is a separately bound subject index to the 5 volumes. In addition to the revision service, the Prior Company offers with the volumes a monthly abstract service called the International Surgical Digest and the reference facilities of its Consulting Bureau.

W.F. Prior Company, Inc., Hagerstown, Md. 21740 (Local agent: Mr. Edw. T. Britton, 429 Woodbine Ave., Baltimore, Md. 21204, Telephone 823-7901). $130.00 for the 5-vol. set and index; $12.00 annually for the Revision Service, $30.00 annually for 3-fold services (Revision, Digest, and Consulting Bureau).

SURGERY OF THE EAR (ED. 2). 7:15

Shambaugh, George E., Jr. (Northwestern University Medical School, Chicago, Ill.)
1967. Philadelphia, W.B. Saunders Company. 722p. $30.00.

Handbook of surgical operations on the ear. This edition was extensively rewritten to take account of the large gains in otologic surgery in the 7-year interlude. The volume has 24 chapters arranged in the following 4 parts: Introduction to surgery of the ear; Surgery of infections of the ear; Surgery of deafness; Surgery of the facial nerve, endolymphatic hydrops, and tumors of the ear. There are 404 figures, some in color. The anatomical drawings and preparations of Dr. Barry Anson and Dr. Theodore Bast have been freely utilized on developmental and adult anatomy of the ear. Chapters on the conventional and tomographic examination of the temporal bone are written and illustrated by Dr. W.E. Compere, Jr., and Dr. Galdino E. Valvassori. Anatomical transparencies on the ear are provided as an insert in the back cover. There are indexes of names and of subjects.

7:16 SYNOPSIS OF EAR, NOSE, AND THROAT DISEASES (ED. 2).
Ryan, Robert E. (St. Louis University School of Medicine, St. Louis, Mo.); Thornell, William C. (University of Cincinnati, Cincinnati, Ohio), and von Leden, Hans (University of California School of Medicine, Los Angeles).
1963. St. Louis, Mo., C.V. Mosby Company. 425p. $7.50.

Small handbook written for the general physician, intern, medical student, nurse, and speech or voice pathologist. The material is arranged in 4 parts: The Ear; The Nose and Pasanasal Sinuses; The Pharynx; The Larynx. Each part contains a concise review of clinical anatomy and physiology; simple techniques and tests for routine examination; etiology, pathology, symptomatology, prognosis, and therapy for common diseases; and surgical procedures of interest to the intended users. There are 67 illustrative figures and a subject index.

7:17 SYNOPSIS OF OTOLARYNGOLOGY (ED. 2).
Simpson, John F., and Robin, Ian G. (St. Mary's Hospital, London, England); Ballantyne, John C., and Groves, John (Royal Free Hospital, London, England), eds.
1967. Bristol, England, John Wright and Sons (Distributor in U.S.A.: Baltimore, Md., Williams and Wilkins Company). 536p. $10.00.

Small handbook of information in otorhinolaryngology, in outline form intended for quick reference and especially for persons studying for postgraduate examinations in the specialty. Material is drawn from current standard textbooks and journals. Seven main parts give information on surgical anatomy, applied physiology, and diseases--for the ear; the nose and paranasal sinuses; the mouth and pharynx; the esophagus; the larynx; the trachea and tracheobronchial tree; and neurology of the ear, nose, and throat. Principles of operative procedures are stated but details of technique are not given. There are 94 lines drawings and a subject index.

Cognate

7:18 HANDBOOK OF CONGENITAL MALFORMATIONS.
Rubin, Alan (University of Pennsylvania School of Medicine, Philadelphia).
1967. Philadelphia, W.B. Saunders Company. 398p. $14.00.

Handbook listing in a standard format over 700 entities describable as congenital malformations as they occur in the various systems of the body.

inborn errors of metabolism are not included except where associated with gross malformations. Description includes synonyms, prevalence, associated anomalies, hereditary factors, treatment and outlook, and a reference to further information. Of special interest to hearing-language speech are Chapter 7, The Face and Oral Structures, by Carl J. Witkop, Jr. and others; Chapter 10, The Ear, and Chapter 11, Nose, Pharynx, and Larynx, by Louis E. Silcox. Chapter 14 lists and discusses etiologic agents, with separate treatment of infectious agents and of physical and chemical agents. There are 23 contributors (all U.S.A.) to the 14 chapters and glossary. Subject index.

ORAL SURGERY; A STEP-BY-STEP ATLAS OF OPERATIVE TECHNIQUES (ED. 4). 7:19
Archer, W. Harry (University of Pittsburgh, Pittsburgh, Pa.).
1966. Philadelphia, W.B. Saunders Company. 1157p. $23.50.

Comprehensive volume of surgery for the oral surgeon, dental practitioner, and dental student, aiming to give "specific and concrete details, whether of etiology, diagnosis, or treatment." Illustrative case histories are included. The author has been assisted by 12 chapter authors and 36 contributors. The 26 chapters of the book include "Cleft Lip" and "Cleft Palate" by R.H. Musgrave and "Oral Prosthesis in Rehabilitation of Cleft Palate Patients" by William R. Harkins. A new chapter on "Dentofacial Orthopedics" has been added to this edition, and several chapters have been completely rewritten and reillustrated. There are 1530 figures and a subject and author index.

RECONSTRUCTIVE PLASTIC SURGERY. 7:20
Converse, John Marquis, ed.
1964. Philadelphia, W.B. Saunders Company. 5 Vols. 2,253p. $125.00.

Handbook of principles and procedures of correction, reconstruction, and transplantation in plastic surgery. There are 76 contributors to the 79 chapters of this continuously paged set of volumes with the following subtitles: 1. General principles (16 chs.); 2-3. Head and neck (29 chs.); 4. The hand and upper extremity (16 chs.); 5. The trunk (18 chs.). Volume 3 has 12 chapters on cleft lip and palate. The work is abundantly illustrated, and references follow each chapter. There is an index of subjects which is repeated in each volume.

SPEECH PATHOLOGY

7:21 COMMUNICATION TRAINING IN CHILDHOOD BRAIN DAMAGE.
Mecham, Merlin J. (University of Utah, Salt Lake City); Berko, Martin J. (Cornell University, Ithaca, N.Y.); Berko, Frances Giden (Special Children's Center, Inc., Ithaca, N.Y.), and Palmer, Martin F. (Wichita State University, Wichita, Kans.).
1966. Springfield, Ill., Charles C Thomas. 392p. $11.75.

Text and reference book for use in therapy and education of cerebral-palsied and other brain-damaged children. Dr. Mecham is author of the following chapters except where indicated; Dr. Palmer served as consultant and general contributor:

1. Introduction - Nature and Scope of the Problem.
2. Disorders of Speech and Hearing.
3. Appraisal of Speech and Hearing Problems.
4. Role of the Speech Therapist in Speech, Hearing and Language Habilitation.
5. Indirect Facilitative Approaches to Speech, Hearing and Language Training.
6. Shaping Adequate Speech, Hearing and Language Behavior.
7. Psychological and Linguistic Implications of Brain Damage in Children (Martin J. Berko, pp. 144-260).
8. Special Education for the Cerebral Palsied: A Group Language Learning Experience (Frances G. Berko, pp. 261-376).

References follow each chapter. Appendix A is a nucleus vocabulary for speech therapy. Author and subject indexes.

7:22 DIAGNOSTIC METHODS IN SPEECH PATHOLOGY.
Johnson, Wendell (University of Iowa, Iowa City); Darley, Frederic L. (Mayo Clinic, Rochester, Minn.), and Spriestersbach, D.C. (University of Iowa, Iowa City).
1963. New York, Harper and Row. 347p. $8.00.

Handbook for speech clinicians and for students concerned with the diagnostic aspects of speech pathology. The book begins with the philosophy of diagnosis and appraisal and continues with a discussion of principles and techniques of case study interviewing. Subsequent chapters include functional descriptions of basic speech, voice, and language examination procedures, as well as test materials and clinical forms. There are case history outlines for cerebral palsy, cleft palate, dysphasia, laryngectomy, and stuttering patients. Reviews of research are included in the substantial background information. Although the authors collaborated on this work, specific chapters are written by each author. Subject index.

HANDBOOK OF SPEECH PATHOLOGY. 7:23
Travis, Edward Lee, ed. (University of Southern California, Los Angeles).
1957. New York, Appleton-Century-Crofts. 1088p. $13.00.

Reference work and text on speech, hearing, and voice disorders. Twenty-seven authorities from the cross-disciplinary areas of speech pathology contributed the 33 chapters of this volume. It has 4 parts: Basic Considerations in Speech Pathology; Speech and Voice Disorders Associated with Organic Abnormalities; Speech and Voice Disorders Unrelated to Organic Abnormalities; and Psychotherapy and Speech Therapy. References follow each chapter, and there is a subject and author index.

SPEECH PATHOLOGY, AN INTERNATIONAL STUDY OF THE SCIENCE. 7:24
Rieber, R.W. (Pace College, New York City), and Brubaker, R.S. (Pennsylvania State University, University Park).
1966. Amsterdam, North-Holland Publishing Company (Distributors for U.S.A. and Canada: Philadelphia, J.B. Lippincott Company. 654p. $20.00.

Handbook of interpretations of the past and present status of speech pathology in the U.S.A. and abroad. There are 29 international contributors to 31 chapters. These are organized in 5 parts: Part 1 contains historical reviews of the literature of speech pathology in Europe and in the U.S.A.; and discussions of normal development of speech and language, experimental phonetics, psychotherapy and speech disorders, and public school speech and hearing in the U.S.A. Parts 2-4, also devoted to speech pathology in the U.S.A., cover more specifically the clinical disorders of the peripheral, central, and psychological-interpersonal levels of the communicative process. Part 5 contains reports on the current status of speech pathology within their countries by professional speech pathologists in Austria, Great Britain, Czechoslovakia, Germany, Holland, Hungary, Israel, Italy, Japan and Formosa, Latin America (chiefly Mexico), Poland, the Scandinavian countries, South Africa, Spain, and the U.S.S.R. Extensive bibliographies accompany many chapters. There are author and subject indexes.

VOICE AND SPEECH DISORDERS: MEDICAL ASPECTS WITH SECTIONS ON OTOLOGY, AUDIOLOGY, AND SURGERY OF HEAD AND NECK. 7:25
Levin, Nathaniel M., ed. (University of Miami School of Medicine, Coral Gables, Fla.).
1962. Springfield, Ill., Charles C Thomas. 966p. $27.50.

Advanced text and reference book emphasizing the medical aspects of defective hearing and communication. The text is "designed for physicians, speech pathologists and audiologists; and for those in the medical, surgical, dental and rehabilitation specialties and in special education who are concerned with defective voice, hearing and speech." Thirty-five specialists, mostly for the U.S.A., have contributed 27 chapters. The volume has 4 main parts: Basic Mechanisms of Voice and Speech; Otology and Audiology; Pathology and Therapy of Voice and Speech; Habilitation and Rehabilitation. Chapters are abundantly illustrated and documented. Subject index.

7:26 VOICE-SPEECH-LANGUAGE. CLINICAL COMMUNICOLOGY: ITS PHYSIOLOGY AND PATHOLOGY.
Luchsinger, Richard (Zurich University Medical School, Zurich, Switzerland) and Arnold, Godfrey E. (University of Mississippi Medical School, Jackson).
1965. Belmont, Calif., Wadsworth Publishing Company. 832p. $26.00.
Translated from German by Godfrey E. Arnold and Evelyn Robe Finkbeiner.

First English edition of the Lehrbuch der Stimm- und Sprachheilkunde, translated from the second German edition of 1959, with many additions and rearrangements. As seen by Dr. Robert W. West in its foreword, the book is useful as a manual for researchers, as an advanced textbook, and as a reference book for professionals in the fields of speech pathology and audiology, voice training, special education, reading disability, pediatrics, otorhinolaryngology, prosthodontia, orthodontia, plastic surgery, neurology, psychiatry, clinical psychology, and physical medicine and rehabilitation. Also contributing to the foreword, Dr. Harry P. Schenck points to the breadth of detail and wide scope of this volume and to its coalition of American and European thought, research, and practice. There are two main sections: Physiology and Pathology of Respiration and Phonation, by Dr. Luchsinger, and Physiology and Pathology of Speech and Language, by Dr. Arnold. Each section has many short chapters, grouped into a General Part that considers subjects more broadly and a Special Part that considers specific disorders. Also included are a list of speech sounds; a list of the most important journals dealing with voice, hearing, and language; and names and subject indexes. References following each chapter are restricted to selected works of authors directly cited, thus reducing the encyclopedic chronology and documentation of the German edition. There are 126 halftones and 122 line drawings.

Cognate

7:27 APHASIA HANDBOOK FOR ADULTS AND CHILDREN.
Agranowitz, Aleen (Lakewood Speech Clinic, Long Beach, Calif.), and Mckeown, Milfred Riddle (Veterans Administration Hospital, Long Beach, Calif.).
1964. Springfield, Ill., Charles C Thomas. 319p. $12.75.

Handbook of materials and techniques for therapists, teachers, family members, and others faced with retraining an aphasic. Although this book is prepared primarily for use with the aphasic patient, it contains techniques that also can be applied to patients who are hard of hearing, mentally retarded, laryngectomized, cerebral palsied, or delayed in speech. The book is divided into 2 main sections -- Part 1: Aphasia in Adults and Part 2: Aphasia in Children. There are 34 chapters, including some that have general explanation of aphasia. In addition to chapter references, a general bibliography lists books, journals, and some films on aphasia; a second bibliography regards aphasia in children. There is a glossary of 25 terms and a detailed subject index.

HANDBOOK OF ABNORMAL PSYCHOLOGY, AN EXPERIMENTAL APPROACH. 7:28
Eysenck, H.J. (University of London, England), ed.
1961. New York, Basic Books. 816p. $18.00.

Handbook treating abnormal behavior from the point of view of experimental psychology rather than within the traditional psychiatric framework of medical diseases. Abnormality is conceived as the defective functioning of certain psychological systems rather than as classes of mental diseases produced by definite 'causes.' The editor observes that less than one fifth of the published papers and books examined were found suited to this purpose. Part 1 deals with the description and measurement or abnormal behavior in terms of sensorimotor functions, perceptual functions, thought processes and the like. Part 2 deals with the causes and determinants of abnormal behavior, such as genetic factors, constitutional factors, conditioning and learning, childhood and other environmental factors. Part 3 deals with the experimental study and modification of abnormal behavior, such as the effects of drugs, psychotherapy, electroshock, surgical treatment, and brain damage. There is no extended treatment of communicative disorders in relation to abnormal psychology, but frequent references to functions of hearing-language-speech are made within various chapters. The 20 chapters were prepared by 19 contributors, each with its own 5- to 10-page bibliography. Author and subject indexes to the volume.

HANDBOOK OF CLINICAL PSYCHOLOGY. 7:29
Wolman, Benjamin B., ed. (Adelphi University, Garden City, Long Island, N.Y.).
1965. New York, McGraw-Hill Book Company. 1596p. $32.50; text ed. $24.50.

Comprehensive handbook of scientific research and practical experience in clinical psychology, representing its various areas of specialization and diversified points of view. The book is intended as a reference work for psychologists and related professionals and as an advanced textbook. The 58 chapters are contributed by 61 authorities, mostly of the U.S.A., and are organized in 6 parts: Research Methods, Theoretical Foundations, Diagnostic Methods, Clinical Patterns, Methods of Treatment, and Clinical Psychology as a Profession. A chapter on "Speech Disorders" has been contributed by Dr. Jon Eisenson. Each chapter is followed by references. There are name and subject indexes.

HANDBOOK OF EXPERIMENTAL PSYCHOLOGY. 7:30
Stevens, S.S., ed. (Harvard University, Cambridge, Mass.).
1951. New York, John Wiley and Sons. 1436p. $19.75.

Handbook written in the period just after World War 11 and summarizing the midcentury state of experimental psychology. The work commences with S.S. Steven's chapter "Mathematics, Measurement, and Psychophysics" and has 35 other chapters, by 33 contributing specialists, organized in main sections of Physiological Mechanisms, Growth and Development, Motivation, Learning and Adjustment, Sensory Processes, and Human Performance. Six chapters specifically concern hearing, language, speech, or vestibular function. Name and subject indexes.

7:31 HANDBOOK OF RESEARCH METHODS IN CHILD DEVELOPMENT.
Mussen, Paul H. (University of California, Berkeley), ed.
1960. New York, John Wiley and Sons. 1061p. $15.00.

Handbook with descriptions and evaluations of research techniques that are especially adapted for use with children. Research work and findings are used only to illustrate research methods. The first part of the book is concerned with general research design and the use of observation and experimental methods in child study. This is followed by 3 chapters on the study of biological growth and development (including receptor functions). The next 6 chapters are concerned with the cognitive processes (perception, learning, and language). Part 4 deals with the major research tools and methods in areas of personality development, and the final section covers the study of the child's social behavior and environment. The 22 chapters are written by 30 authoritative contributors in the field of child development. Of particular relevance to hearing-language-speech are "Language and Communication" by Orvis C. Irwin (Chap. 12) and "Psycholinguistic Research Methods" by Jean Berko and Roger Brown (Chap. 13). Author and subject indexes.

7:32 PSYCHOLOGY: A STUDY OF THE SCIENCE.
Koch, Sigmund, ed. (Duke University, Durham, N.C.).
1962. New York, McGraw-Hill Book Company. 7 Vols.*

Encyclopedic examination of the "status and tendency of psychological science," published as a two-parted study in a number of volumes:

Study I, Conceptual and Systematic:

1. Sensory, Perceptual, and Physiological Formulations.
2. General Systematic Formulations, Learning, and Special Processes.
3. Formulations of the Person and Social Context.

Study II, Empirical Substructure and Relations with Other Sciences:

4. Biologically Oriented Fields: Their Place in Psychology and in Biological Science.
5. The Process Areas, the Person, and Some Applied Fields: Their Place in Psychology and in Science.
6. Investigations of Man as Socius: Their Place in Psychology and the Social Sciences.

The last volume presents the study director's view of certain problems of psychological inquiry in the light of the findings of the project:

7. Psychology and the Human Agent.

Of special note for hearing-language-speech is Volume 4 with material on aphasia, audiogenic seizures, audiometry, audition, auditory response areas, deafness, and speech. There are approximately 75 contributors. Each volume has name and subject indexes.

*Vol. 1, 1959, $12.00; Vol. 2, 1959, $12.50; Vol. 3, 1959, $13.00; Vol. 4, 1962, $13.00; Vol. 5, 1962, $14.00; Vol. 6, 1963, $13.00.

GUIDES, DIRECTORIES

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GUIDES, DIRECTORIES

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INTRODUCTION

GUIDES, DIRECTORIES

The section on Guides, Directories has publications that assemble information on persons, organizations, or activities in the field.

ARRANGEMENT is with separate subsections for lists of members or individuals and for lists of organizations. Other subsections list guides to opportunities for professional education and training and to obtaining funds. Within each subsection, descriptive items are arranged alphabetically by title. Items cognate or supplemental are appended to each subsection.

HOW TO USE

1. To look for a particular kind of guide or directory, use the contents listing and scan the appropriate subsection.
2. To look for a guide or directory of known title, use the general Index to Titles.

SOURCES

This list of items was derived from standard library sources and from various Information Center activities.

All items except those marked ● had the benefit of review by their respective editors.

MEMBERS AND INDIVIDUALS

AMERICAN ACADEMY OF OPHTHALMOLOGY AND OTOLARYNGOLOGY (DIRECTORY, 1968). 8:1
1968. Rochester, Minn., The Academy.

Annual membership roster of ophthalmologists and otolaryngologists in the U.S.A. and abroad, with alphabetical and geographical listings. Entries in the alphabetical listing include full name, year of election, address, type of membership, and specialty. The geographical listing of members also gives address and specialty. Other lists are of members of The Council, Council Committees, Standing Committees, and past officers of the Academy.

Editor, American Academy of Ophthalmology and Otolaryngology, 15 Second St., S.W., Rochester, Minn. 55901. $2.00.

AMERICAN CLEFT PALATE ASSOCIATION (MEMBERSHIP DIRECTORY, 1968). 8:2
Morris, Hughlett L., ed.
1968. Gainesville, Fla. The Association. 101p.

Annual directory containing alphabetical and geographical lists of members of the Association in the U.S.A., Canada, and abroad. Entries in the alphabetical list include name, degrees, date of graduation, institutions, preferred mailing address, areas of professional interest, current employment status, and date of acceptance for membership. In the geographical listing, names of members are arranged by state and city. Directory also includes a geographical listing of cleft palate teams, constitution and by-laws, list of past annual meetings and presidents, and a historical report.

Dr. Howard Aduss, Treasurer, American Cleft Palate Association, 808 South Wood St., Chicago, Ill. 60079. $1.50.

8:3 AMERICAN DIRECTORY OF OTOLARYNGOLOGISTS AND OPHTHALMOLOGISTS (ED. 2, 1965-1966).
Smith, Joe T., ed. and pub.
1965. Knoxville, Tenn. 223p.

Biennial membership roster of otolaryngologists and ophthalmologists in the U.S.A. Complete professional data are given on all Board Diplomates, full-time non-board specialists, and other physicians majoring in the specialty. Entries are arranged alphabetically by state and city.

Joe T. Smith, M.D., Publisher, 1800 Magnolia Ave., N.E., Knoxville, Tenn. 37917. $12.00.

8:4 AMERICAN SPEECH AND HEARING ASSOCIATION (DIRECTORY, 1968).
Johnson, Kenneth O., ed.
1968. Washington, D.C., The Association. 550p.

Annual directory published by The Association, consisting mainly of an alphabetical list of approximately 11,858 members including information on preferred address, educational history, employment history, and clinical certification. Also, a geographical list of members by state, city, and employer; a list of members by clinical certification; and a section dealing with specifics of the Association such as code of ethics, requirements for the Certificate of Clinical Competence, and state associations.

Editor, American Speech and Hearing Association, 9030 Old Georgetown Rd., Washington, D.C. 20014. $16.00 postpaid.

8:5 CERTIFIED HEARING AID AUDIOLOGISTS (ED. 2, ANNUAL DIRECTORY, 1967).
1967. Audecibel (Spring). 32-page insert.

Annual directory published by the National Hearing Aid Society, consisting of a geographical listing of certified hearing aid audiologists by state, country, and home address in the U.S.A., Canada, and overseas. Also contains a roster of 32 state chapters with names and addresses of officers.

Free upon request from Mr. Anthony DiRocco, Editor, Audecibel, 24261 Grand River Ave., Detroit, Mich. 48219.

INTERNATIONAL CONGRESS ON EDUCATION OF THE DEAF, WASHINGTON, D.C., GALLAUDET COLLEGE, JUNE 22-28, 1963 (LIST OF DELEGATES) pp. 1167-1238 in Report of the Proceedings of the International Congress on Education of the Deaf and of the Forty-first Meeting of the Convention of American Instructors of the Deaf. 8:6

Doctor, Powrie Vaux, ed., and Toomer, Sarah Waring, assoc. ed.

1964. Washington, D.C., U.S. Senate, 88th Congress, 2d Session. Document No. 106. 1270p.

List of delegates attending the Congress, including educators of the deaf from 50 countries. Each entry gives the name of the delegate and his institutional address. There are two lists, one alphabetical by name of delegate and the other by country represented.

No longer available from the Government Printing Office or the Senate Documents Room. Available from American Annals of the Deaf, Gallaudet College, Washington, D.C., 20002.

INTERNATIONAL DIRECTORY OF OTOLARYNGOLOGY. 8:7

Prepared under the editorship of Chevalier L. Jackson for the Sixth International Congress of Otolaryngology and the International Association of Secretaries of Ophthalmological and Otolaryngological Societies.

1957. Philadelphia. 277p.

Directory listing the names and addresses of about 14,000 qualified otolaryngologists in 56 countries. For each country it also lists, when possible, the societies of the specialty, journals devoted to the specialty, and faculties of medicine having chairs of otolaryngology.

Out of print.

THE RED BOOK OF EYE, EAR, NOSE AND THROAT SPECIALISTS (ED. 28). 8:8

1969. Chicago, Ill., Professional Press. 391p.

Register of all licensed specialists in the eye, ear, nose and throat profession of the U.S.A., Canal Zone, Puerto Rico, Virgin Islands, and Canada, arranged by states and provinces. Names and addresses of specialists are entered under cities, with the population of the city given. Biographical information on each specialist includes year of birth, address, medical schools attended and year of graduation, area of specialization, and whether Board certified. The Directory has an alphabetical index to names of specialists and an index to advertisers.

The Professional Press, Inc., 5 North Wabash Ave., Chicago, Ill. 60602. $7.00. Available in April 1969; the 1967 edition is out of print.

8:9 TEACHERS OF THE DEAF--ROSTER, pp. 350-457 in Directory of Services for the Deaf in the United States and Canada, edited by Powrie Vaux Doctor.
Benson, Elizabeth E.
1968. Am. Ann. Deaf 113(3):349-830 (May).

Directory of the American Instructors of the Deaf for 1967-1968. This list of about 7,234 members gives school, city, and certification status.

Editor, American Annals of the Deaf, Gallaudet College, Washington, D.C., 20002. $4.00 for entire Directory issue. Directory also included in a subscription to the American Annals of the Deaf, $6.00 (calendar basis).

Cognate

8:10 AMERICAN ACADEMY FOR PEDIATRICS (FELLOWSHIP LIST).

[Information will be included in next issue.--Ed.]

8:11 AMERICAN ACADEMY OF NEUROLOGY (1966-1967).
1966-1967. Minneapolis, Minn., The Academy. 112p.

Membership directory containing an alphabetical list of members in 48 countries with information on degree, and address. Also, geographical list of members by country.

Executive secretary, American Academy of Neurology, 4005 West 65th Street, Minneapolis, Minn. 55435.

AMERICAN COLLEGE OF SURGEONS (DIRECTORY, 1968). 8:12
1968. Chicago, The College. 1016p.

Triennial directory containing geographical and alphabetical lists of the fellows of the College. Entries in the geographical list are arranged by country, states, provinces, and cities; and include names, addresses, and specialties of the fellows. Entries in the alphabetical listing include address, professional data such as specialty, year in which fellowship was conferred, and memberships. (There is no cross-listing by specialties, e.g. otolaryngology.) Directory also includes geographical and alphabetical lists naming the medical and dental schools from which fellows of the College have graduated, or with which they are affiliated; general information on the College; bylaws; requirements for fellowship; and a list of the fellows deceased since 1913. A supplement is published annually between editions.

American College of Surgeons, 55 East Erie St., Chicago, Ill. 60611.
$10.00.

AMERICAN DENTAL DIRECTORY (1968). 8:13
Compiled by the Bureau of Data Processing Services.
1968. Chicago, Ill., American Dental Association. 1307p.

Annual directory containing a geographical list of dentists by states, possessions, and federal services, within which the names of dentists are arranged alphabetically. Each entry includes street address and coded information on year of birth, membership in the American Dental Association, character of practice, and school and year of graduation. Other lists include: dentists listed alphabetically, showing city and state or branch of federal service; honorary and associate members of the American Dental Association; affiliate members of the American Dental Association, listed geographically by country; dentists listed geographically with character of practice coded. Lists of Diplomates of American boards are not included as such in the Directory; this information is coded for individual dentists as character of practice. The directory also includes a variety of information on educational institutions and organizations of dentistry in the U.S.A. and abroad.

American Dental Association, 211 East Chicago Ave., Chicago, Ill. 60611.
$25.00.

8:14 AMERICAN MEDICAL DIRECTORY (ED. 24).
1967. American Medical Association. 3,369p.

Biennial register of physicians who possess a degree of Doctor of Medicine and are located in the U.S.A., Isthmian Canal Zone, Puerto Rico, Virgin Islands, certain Pacific Islands or are temporarily located in foreign countries. The directory is published in 3 parts (volumes). Part 1 consists of an alphabetical index of physicians. Parts 2 and 3 contain biographical data, with separate listings of medical officers on active duty and of physicians employed by federal services, followed by a geographical register of physicians by state and city. Data on each physician includes membership in the American Medical Association, local address, year of birth, medical education, year of license, year of certification by the National Board of Examiners, American Specialty Board Certification, specialties, type of practice, membership in recognized national scientific medical societies, and professorial appointment. Also, a section listing physicians who are temporarily residing in a foreign country; lists of recognized national scientific medical societies, specialty boards, and U.S.A. and foreign medical schools.

American Medical Association, 535 North Dearborn St., Chicago, Ill.
60610. $60.00 for the set.

8:15 AMERICAN PSYCHOLOGICAL ASSOCIATION (DIRECTORY, 1968).
Lazo, John A., ed.
1968. Washington, D.C., The Association. 1344p.

Annual biographical directory containing an alphabetical list of 27,250 fellows, members, and associates of the American Psychological Association. Entries include full name, preferred title, date of birth, educational history (earned degrees awarded by colleges and universities recognized by the U.S. Office of Education), employment history, fields of interest and/or research, address, diplomate status and/or certification, APA and divisional membership, and indication of recency of information. Directory also has a geographical listing of members by state, city, and employer in the U.S.A. and possessions section and by country, city, and employer in the foreign section; diplomates of the American Board of Examiners in Professional Psychology; diplomates of the American Board of Examiners in Psychological Hypnosis; divisional membership lists; bylaws of the APA; Code of Ethics, past and present officers and places of annual meetings; affiliated organizations.

The American Psychological Association, Inc., 1200 17th St., N.W.,
Washington, D.C. 20036. $20.00 postpaid.

COLLEGE OF AMERICAN PATHOLOGISTS (DIRECTORY, 1968). 8:16
1968, Chicago, The College. 160p.

Annual directory consisting of an alphabetical listing of over 4,000 fellows and members of the College of American Pathologists. Each entry includes full name, status in the college, and address. Directory also contains a geographical listing of members by country, state, and or city; lists of officers and committees; statements of purpose and ethics; constitution and bylaws.

College of American Pathologists, 230 North Michigan Ave., Chicago, Ill. 60601. $2.00.

DIRECTORY OF MEDICAL SPECIALISTS HOLDING CERTIFICATION BY AMERICAN SPECIALTY BOARDS (ED. 13, 1968-1969). 8:17
Published for the Advisory Board for Medical Specialties, Inc.
1968. Chicago, Ill., Marquis-Who's Who. 2660p.

Biennial publication of 19 official American specialty boards that certify physicians in medical specialties. The Directory contains biographical data, such as qualifications, graduate education, training, and clinical experience on over 90,000 specialists certified prior to July 1966 by the boards. Included are biographies of Diplomates certified by the American Board of Otolaryngology and of other medical specialists who are active in the area of hearing-language-speech. Also includes information regarding the organization and the functions of specialty boards, list of the Advisory Board for Medical Specialists, and the examination requirements of each board. The Directory provides for each of the specialties a separate grouping, arranged geographically with the sketches of the Diplomates placed alphabetically under the localities; one over-all alphabetical index to all Diplomates; and an edge index.

Marquis-Who's Who, Marquis Publications Bldg., Chicago, Ill. 60611. $25.50.

INTERNATIONAL DIRECTORY OF PSYCHOLOGISTS EXCLUSIVE OF THE U.S.A. (ED. 2). 8:18
Prepared by the Committee on Publication and Communication of the International Union of Psychological Science under the editorship of Hubert C.J. Duijker and Eugene H. Jacobson.
1966. Assen, The Netherlands, Royal Van. Gorcum and Comp. 580p.

Geographical listing of psychologists in all countries outside the U.S.A. Information on each psychologist includes name and title, preferred mailing address, date of birth, place of birth, highest earned academic degree, university in which degree was granted, membership in professional societies, editorial responsibilities, current occupation, primary fields of interest in psychology, and sex. A general index of names is appended.

American distributor: Humanities Press Inc., 303 Park Avenue., S., New York, N.Y. 10010. $5.00.

8:19 NATIONAL SOCIETY FOR THE STUDY OF COMMUNICATION (DIRECTORY, 1967-1968).
Pace, R. Wayne, ed.
1967. J. Commun. Vol. 17, suppl. (Sep). 54p.

Annual membership directory containing an alphabetical list of members as of July 15, 1967. Each entry indicates the name of the member, his title, organizational address and telephone number, degrees, and home address; also his membership status, and membership anniversary date. Information on the Society's officers, committees, membership rules, and publications is also given.

Ronald L. Smith, Department of Humanities, General Motors Institute,
Flint, Mich. 48502. $1.25 postpaid.

8:20 ORAL SURGERY DIRECTORY OF THE WORLD (ED. 3).
Archer, W. Harry, ed.-in-chief.
1966. Pittsburgh. 327p.

Directory containing biographical data on oral surgeons in the U.S.A. and Canada; names and addresses of foreign surgeons. Detailed information on the American Board of Oral Surgery and the American Society of Oral Surgeons includes requirements of the society, officers, and names and addresses of diplomates or members. Information is also given on the regional, state, and city oral surgery societies in the U.S.A. The Directory lists oral surgeons in the Federal Dental Services; and faculty members of oral surgery departments in dental schools of the United States and Canada. Gives information on graduate and postgraduate training programs in the U.S.A., as well as oral surgery internships and residency training programs in hospitals; also, the requirements by those states giving examinations before certification as a specialist. There is an alphabetical index to names of oral surgeons in North America. This directory has a new edition every 5 years.

Editor, Oral Surgery Directory of the World, 761 Osage Rd., Pittsburgh,
Pa. 15243. $10.00.

8:21 SPEECH ASSOCIATION OF AMERICA (DIRECTORY, 1967-1968).
Hall, Robert N., ed.
1967. New York, The Association. 298p.

Annual membership directory containing an alphabetical list of members with information on employment address, degrees, major professional interests, interest group affiliations, and home address. Also, geographical list of members by state, city, and employment address; check list of books, equipment, and supplies in speech; list of institutions granting graduate degrees in speech, and other sections.

Editor, Speech Association of America, Statler Hilton Hotel, New York,
N.Y. 10001. $3.50.

Supplemental

AMERICAN MEN OF SCIENCE (ED. 11). 8:22
Edited by The Jacques Cattell Press.
1965-1968. New York, R. R. Bowker Company. 8 Vols.

Biographical directory containing data on more than 157,000 scientists. The first 6 volumes deal with the physical and biological sciences. Volumes 7 and 8, scheduled for publication in 1968, are concerned with the social and behavioral sciences (until then, use Vol. 5 of the 10th edition). Inclusion in the Directory is based on attainment of the doctoral degree and continued activity in science or equivalent achievement as judged by publication, position, and opinion of peers. Entries are listed alphabetically. Each biography consists of full name, personal data, discipline, education, professional data, and address of scientist. To names A-Sr in the physical and biological sciences, Supplements 2 and 4 add cumulated new entries and significant new data.

R. R. Bowker Company, 1180 Avenue of the Americas, New York, N.Y. 10036.
$25.00/volume. Suppl. 2 and 4, $20.00 each.

SOCIETIES AND ASSOCIATIONS

DIRECTORY OF OPHTHALMIC AND OTOLARYNGIC SOCIETIES. 8:23
1967. Trans. Amer. Acad. Ophthal. Otolaryng. 71(5):41-64 (Sep-Oct).

Directory appearing once yearly in the Transactions of the American Academy of Ophthalmology and Otolaryngology. Lists international, foreign, and U.S.A. national, regional, and state and local societies. Each entry includes the name of the principal executives of the society, the name and address of its secretary.

DIRECTORY OF OTOLARYNGOLOGIC SOCIETIES. 8:24
Monthly in Laryngoscope.

Directory in each issue, listing about 90 U.S.A. (state, regional, national), international, and foreign otolaryngologic societies. Entries are arranged alphabetically by name of society. Information includes names and addresses of officers, some meeting times and places.

8:25 DIRECTORY OF OTOLARYNGOLOGICAL SOCIETIES.
Semiannually in Archives of Otolaryngology.

Directory in index issues, listing about 50 U.S.A., foreign, and international otolaryngologic societies. Entries are arranged alphabetically by country in the foreign and international section; alphabetically by name in the national section. Information is variable but usually includes name and city of the principal officers of the Society, name and address of its secretary, date and place of the annual meeting.

8:26 ROSTER OF OTO-RHINO-LARYNGOLOGICAL SOCIETIES OF THE WORLD.
1967. Tokyo, Japan, International Federation of Oto-Rhino-Laryngological Societies. 74p.

International directory to 70 societies in 59 countries. Information on each society, when complete, includes name and address of society and its officers, number of constituent members, date and place of annual general meeting, and activities. Foreword is in English, French, German, and Spanish. This is an interim compilation, known to be incomplete in the number of societies covered.

International Federation of Oto-Rhino-Laryngological Societies, Kojimachi P.O. Box 40, Tokyo, Japan. Free to members of the IFOS Member-Societies. $1.00 per copy to nonmembers.

Supplemental

8:27 ENCYCLOPEDIA OF ASSOCIATIONS. VOL. 1. NATIONAL ORGANIZATIONS OF THE UNITED STATES (ED. 5).
Ruffner, Frederick G., Jr., ed., and others.
1968. Detroit, Mich., Gale Research Company. 1331p.

Encyclopedia listing over 13,600 trade associations, professional societies, labor unions, fraternal and patriotic organizations, and other types of groups with voluntary members. Associations are grouped by fields in 18 sections and are arranged alphabetically by the principal keyword occurring in the title or supplied. Information in each listing includes name and address of organization, acronym, name and address of chief official, founding date, number of members, staff and chapters, description of type of memberships, purpose and activities of the association, publications, and dates and places of conventions. Section 19 lists inactive, defunct, or former names. A section of Health and Medical Organizations contains many organizations having to do with hearing, speech, and related biomedical subjects. An alphabetical index to organization names and keywords provides an additional finding aid. A new edition of the Encyclopedia occurs about every 2 1/2 years.

Gale Research Company, 1400 Book Tower, Detroit, Mich. 48223. $29.50.

ENCYCLOPEDIA OF ASSOCIATIONS. VOL. 2. GEOGRAPHIC AND EXECUTIVE INDEX. (ED. 5). 8:28
Ruffner, Frederick G., Jr., ed., and others.
1968. Detroit, Mich., Gale Research Company. 392p.

Two-section geographic and executive index, supplement to Volume 1. The geographic index lists names and addresses of organizations by state and city and gives names and titles of chief executives of the organizations. The executive index lists alphabetically by personal name the chief executives of each organization entered in the geographic index and in Volume 1; it also gives information on their title, the name of the association, and the city and state in which their office is located.

Gale Research Company, 1400 Book Tower, Detroit, Mich. 48223. $17.50.

ENCYCLOPEDIA OF ASSOCIATIONS. Vol. 3. NEW ASSOCIATIONS. (ED. 5). 8:29
1967- Detroit, Mich., Gale Research Company.

Directory supplement to Volume 1, containing listings of newly formed and newly found associations. It is published about three times a year in loose-leaf form (binder furnished) during the period between editions. Each issue contains the same type of alphabetical and keyword index used in Volume 1, and the index cumulates with each issue. Information on changes in staff, location, etc. is not updated between editions but may be obtained without charge by writing or telephoning the Reader Service Bureau of the Encyclopedia.

Gale Research Company, 1400 Book Tower, Detroit, Mich. 48223. $25.00 for inter-edition service.

CENTERS AND SERVICES

8:30 DIRECTORY OF EARMOLD MANUFACTURERS.
1967. Hearing Dealer 17(8):17 (Aug).

Annual directory giving names and addresses of 64 earmold manufacturers and laboratories in U.S. and Canada. Entries are arranged alphabetically by name of firm.

8:31 DIRECTORY OF THE HEARING AID INDUSTRY (18th ANNUAL, 1967).
1967. Hearing Dealer 17(4):16-42 (Apr).

Annual list made up largely of manufacturers and distributors; also some services and associations. Each entry contains the address of the organization, the names of its officers, and a brief description of what it does. The listing is alphabetical by name and includes about 320 organizations in U.S.A., Canada, and abroad.

8:32 DIRECTORY OF SCHOOLS, CLASSES AND CLINICS FOR THE DEAF IN THE UNITED STATES AND CANADA, pp. 698-804 in Directory of Services for the Deaf in the United States and Canada, edited by Powrie Vaux Doctor and Elizabeth E. Benson.
1968. Am. Ann. Deaf 113(3):349-830 (May).

Directory of compact charts containing a geographical listing of public and private, residential schools, day schools, and day classes for the deaf and for the multiply handicapped in the U.S.A., and a geographical list of schools and classes for the deaf in Canada. Information on each school includes name, address, telephone number, founder's name, year school was opened, name of chief executive officer, and controlling body. Directory also includes geographical listings of schools with statistical information on pupils and teachers such as total number of pupils, average number of pupils in classes, total number of teachers, range of teacher salaries; and a financial statement on the public residential schools in the U.S.A. There is also a geographical list of 351 speech and hearing clinics in the U.S.A. and Canada with information on location, director, number and type of staff members, type of clinic, and services offered.

Editor, American Annals of the Deaf, Gallaudet College, Washington, D.C., 20002. $4.00 for entire Directory issue. Directory also included in a subscription to the American Annals of the Deaf, $6.00 (calendar basis).

DIRECTORY OF SERVICES FOR THE DEAF IN THE UNITED STATES. 8:33
Doctor, Powrie Vaux, ed., and Benson, Elizabeth E., assoc. ed.
1968. Amer. Ann. Deaf 113(3):349-830 (May).

Annual directory issue of the American Annals of the Deaf containing many useful compilations such as the following: directory of the American Instructors of the Deaf (SEE Teachers of the Deaf--Roster); list of teachers in training, of personnel teaching courses on education of the deaf, and of teacher training centers (SEE separate entry); directory of organizations and programs for the deaf; Directory of Schools, Classes, and Clinics for the Deaf in the United States and Canada (SEE separate entry); list of government-sponsored research projects in progress on deafness; list of doctoral dissertations and masters' theses on education of the deaf; review of publications on deafness; information Special Education Instructional Materials Centers and Captioned Films for the Deaf. The Directory has an index to authors, organizations, and subjects.

Editor, American Annals of the Deaf, Gallaudet College, Washington, D.C. 20002. $4.00. Directory also included in a subscription to the American Annals of the Deaf, $6.00 (calendar basis).

DIRECTORY OF TEMPORAL BONE LABORATORIES. 8:34
1966. Trans. Amer. Acad. Ophthal. Otolaryng. 70(5):880-883 (Sep-Oct).

List of 40 laboratories at major medical centers across the country that are cooperating in the Temporal Bone Banks Program for Ear Research. Entries are arranged alphabetically by state and give addresses and telephone numbers for contacting at all times.

Reprint free from Deafness Research Foundation, 366 Madison Ave., New York, N.Y. 10017, or from the Regional Temporal Bone Banks Centers: Eastern TBBC, Johns Hopkins Hospital, Baltimore, Md. 21205. Midwestern TBBC, University of Chicago, Box 146, Chicago, Ill. 60637. Southern TBBC, Baylor University College of Medicine, Houston, Texas 77025. Western TBBC, University of California Medical Center, San Francisco, Calif. 94122.

HEARING REHABILITATION CENTERS IN THE UNITED STATES. 8:35
Downs, Marion P. (University of Colorado School of Medicine, Denver).
1961. Arch. Otolaryng. 73:419-433 (Apr).

Directory to 173 audiology and hearing rehabilitation centers in the United States. Centers are arranged geographically by state and city. Information on each center includes name and address of center; auspices; administrative head; name of Board-certified otolaryngologist; information on certified personnel, such as professional training and certification by the American Speech and Hearing Association; clientele; services; and equipment. Although the listing is not current, the general information on major centers is valid.

Free upon request from Mrs. Marion P. Downs, Division of Otolaryngology, University of Colorado Medical Center, Denver, Colorado 80220.

8:36 SCHOOLS AND ORGANIZATIONS FOR THE DEAF (INTERNATIONAL DIRECTORY, 1965).
Schein, Jerome D., and Doctor, Powrie Vaux, compilers.
1965. Washington, D.C., Gallaudet College Press. 101p.

Directory containing names and addresses of over 1,000 schools and organizations for the deaf in about 800 cities in 80 countries. Entries are arranged alphabetically by country and city. Entries for the United States and Canada appear elsewhere (SEE Directory of Services for the Deaf in the United States, Amer. Ann. Deaf, May 1968).

American Annals of the Deaf, Gallaudet College, Washington, D.C. 20002
and Gallaudet College Bookstore, Kendall Green, Washington, D.C. 20002.
$2.50.

8:37 WORLD BUYERS GUIDE AND DIRECTORY FOR THE HEARING AID INDUSTRY (13th ANNUAL, 1968).
1967. National Hearing Aid Journal 21(1):20-58 (Nov).

Annual directory published by the National Hearing Aid Journal as its November regular issue, consisting of an international and alphabetical listing of manufacturers, wholesalers, distributors, and associations. Each entry contains the address of the company, the names of its officers, a description of its activities, and its trade names. Information on a few professional and trade journals is also given. There is a geographical listing of foreign manufacturers.

National Hearing Aid Journal, 305 Benson Bldg., Sioux City, Iowa 51101.
$1.00.

Cognate

8:38 DIRECTORY FOR EXCEPTIONAL CHILDREN (Ed. 5).
1965. Boston, Porter Sargent. 702p.

Triennial directory to 2050 educational and training facilities for atypical children. Covers the speech-handicapped and deaf, also the socially maladjusted, mentally retarded, emotionally disturbed, orthopedically handicapped, cerebral palsied, brain-injured, epileptic, cardiac, and blind. Lists private and public schools, homes, clinics, hospitals and services. Separate sections list about 135 schools for the deaf and hard of hearing and 17 schools devoted only to the speech-handicapped. Entries on schools are listed alphabetically by state with basic data such as address, director, number of students, staff, rates, and a brief description of activities. A geographical listing of over 350 private, public, university-affiliated speech and/or hearing clinics gives data such as address, director, telephone, and whether publicly supported. Other useful sections: facilities classified by special needs, naming 41 institutions accepting the deaf-blind; associations, societies, and foundations; federal and state agencies and personnel. There is an alphabetical index to names of schools and most other facilities.

Porter Sargent Publisher, 11 Beacon St., Boston, Mass. 02108. $7.00.

Supplemental

NEW RESEARCH CENTERS. 8:39
Palmer, Archie M., ed.
1965- Detroit, Gale Research Company.

Directory supplement to the Research Centers Directory (SEE separate entry), containing listings of newly formed or newly found research centers, or revised listings. Each report averages 40 pages and contains about 200 detailed listings. Issues appear three or four times a year in loose-leaf form (binder furnished) during the period between editions. Each issue contains two cumulative indexes: Institutional Index and Alphabetic Index of Research Centers.

Gale Research Company, 1400 Book Tower, Detroit, Mich. 48226. $25.00 for complete inter-edition service.

RESEARCH CENTERS DIRECTORY (ED. 2, 1965). 8:40
Palmer, Archie M., ed., and Kruzas, Anthony T., assoc. ed.
1965. Detroit, Gale Research Company. 666p.

Triennial guide to 3,200 university-related and independent nonprofit research organizations carrying on continuing programs of fundamental, applied, and developmental studies in all fields--agriculture, education, humanities, social and behavioral sciences, life sciences, physical sciences, engineering and technology. Entries are arranged by subject field in 16 broad functional sections. A section of research centers in the Life Sciences contains many having to do with speech, hearing, deafness, and related biomedical subjects. Information on each center includes formal name of the research activity, name of parent or affiliated institution, address, telephone number, name and title of director, source of support, staff, annual dollar volume of research, description of principal fields of research, publications, seminars, conferences, courses sponsored by the activity, library facilities maintained by the activity, number of volumes and major subjects included, librarian. Indexes include: Institutional Index, with individual research units listed under sponsoring institutions; Geographic Index of Sponsoring Institutions; Alphabetic Index of Research Centers; Personal Name Index; Subject Index. Supplemented by New Research Centers (SEE separate entry).

Gale Research Company, 1400 Book Tower, Detroit, Mich. 48226. $35.00.

PROFESSIONAL TRAINING

8:41 OPPORTUNITIES FOR GRADUATE EDUCATION IN SPEECH PATHOLOGY AND AUDIOLOGY.*
American Speech and Hearing Association, Washington, D.C.
1966. Asha 8(6):211-230(Jun).

Special report giving systematic information on the professional education programs and financial assistance available in speech pathology and audiology. Section 1 gives information on financial assistance available at 151 colleges and universities in the U.S.A. providing graduate education in these fields. For each institution, information is presented about the following: name and address; application for admission to graduate study, with closing date; admission requirements; tuition; application for financial assistance, with closing date; types of assistantships, with stipends, hours of work, reduction in academic load, whether for advanced students, tuition exemption; fellowships and traineeships (government); other assistance available; postdoctoral training; highest degree granted. Section 2 contains a table summarizing additional information about programs in tabular form: department and college offering; number of full-time faculty members; certification status of faculty; admission requirements; and number of available stipends. Section 3 lists potential sources of aid granted directly to the student . Section 4 names other sources of information on financial aid. Section 5 summarizes briefly the trends in financial assistance that were observed in the preparation of the report.

8:42 TEACHER TRAINING CENTERS, pp. 458-485 in Directory of Services for the Deaf in the United States and Canada, edited by Powrie Vaux Doctor and Elizabeth E. Benson.
1968. Am. Ann. Deaf 113(3):349-856 (May).

Directory of compact charts with geographical listing of 55 centers granting college degrees or college hours of credit in education of the deaf in the U.S.A. Information on each center includes name and location, telephone number, date of founding, name of director, university or college affiliation, practice teaching centers, grade span in practice school, numbers of pupils and teaching personnel, degrees granted, and information on requirements for graduation.

Available as a separate from the Editor, American Annals of the Deaf, Gallaudet College, Washington, D.C., 20002. $4.00 for entire Directory issue. Directory also included in a subscription to the American Annals of the Deaf, $6.00 (calendar basis).

Cognate

CONTINUING EDUCATION COURSES FOR PHYSICIANS (13TH ANNUAL LISTING). 8:43
Compiled by the American Medical Association's Department of Continuing
Medical Education, C. H. William Ruhe, and Edna Roughley.
1967. JAMA 201(6):379-476 (Aug).

Listing of 1,830 courses in continuing medical education offered by 387 institutions and organizations in 40 states, the District of Columbia, and Puerto Rico for the period from September 1, 1967, through August 31, 1968. Courses are listed alphabetically by state, city, and institution under 42 area subject headings. Pages 430-431 list 42 courses offered in the area of Otolaryngology. Information on each course includes name of institution, complete address; type of course; time arrangement total number of hours of instruction; indication of whether designed for general practitioners, specialists, or both; starting and ending dates; fees; and educational method used. There is also a geographical list of the institutions offering courses.

Reprint available upon request from Dr. C. H. William Ruhe, Council on Medical Education, American Medical Association, 535 North Dearborn St., Chicago 60610.

DIRECTORY OF APPROVED INTERNSHIPS AND RESIDENCIES (1967-1968). 8:44
1967. Chicago, American Medical Association Council on Medical
Education and Hospitals. 366p.
Includes Annual Report on Graduate Medical Education from the Education
Number of the Journal of the American Medical Association, Vol. 202,
No. 20, 1967.

Annual directory to all information of interest and importance to physicians planning for internship or residency training, for licensure, or for specialty board certification in the U.S.A. Lists 103 approved residency programs in otolaryngology with 912 residencies (pp. 195-199). Requirements for certification by the American Board of Otolaryngology are given on pages 195-199.

Department of Graduate Medical Education, American Medical Association, 535 North Dearborn St., Chicago, Ill. 60610. Single to a few copies available free to individuals within the United States, except medical students, with the request best made in November. Medical students should obtain the directory through the Dean's office of their medical schools. The directory is widely distributed abroad to medical schools, hospitals, and offices of United States Information Service.

8:45 DIRECTORY OF GRADUATE PROGRAMS IN SPEECH, 1968-1969.
Hall, Robert N., ed.
1967. New York, The Association. 194p.

Annual directory listing admission requirements, number of graduate faculty, financial aid available to students, number of graduate appointments, types of degrees granted, areas of specialization, deadlines for applying for aid and to the graduate school, language requirements, and thesis requirements for 193 graduate departments offering degrees in all the areas of speech.

Editor, Speech Association of America, Statler Hilton Hotel, New York, N.Y. 10001. $2.50.

FUNDING

8:46 THE EMBRYOGENY OF AN NIH RESEARCH GRANT.
Lore, James I., and Gutter, Frederick J. (National Institutes of Health).
1968. Asha 10(1):7-9(Jan).

Article describing for the speech and hearing scientist the steps in the preparation of an application for an NIH research grant; its evaluation by a study section and a national advisory council; and the final action taken by the Public Health Service Surgeon General. Statistics are given on the speech and hearing research grant applications approved by the Communicative Sciences Study Section from 1964 through 1966. The study "Why Are Research Grant Applications Disapproved" is discussed. Information on the PHS requirements for the protection of the rights and welfare of human research subjects is given.

Supplemental

8:47 THE FOUNDATION DIRECTORY (ED. 3).
Prepared by The Foundation Library Center under the editorship of Marianna O. Lewis.
1967. New York, Russell Sage Foundation. 1198p.

Directory to foundations in U.S.A., published about every 3 years. Edition 3 includes 6,803 corporations and trusts fitting the Foundation Library Center's definition of a foundation and possessing assets of $200,000 or distributing annually $10,000 or more in grants or for program. Entries are arranged alphabetically by state and name of foundation, and contain information concerning the legal name of the foundation; present address; data on establishment; names of donor, officers, and trustees; a statement outlining the general purpose and activities; fields of interest and any specific limitations; financial data for the most recent year available, including amount of assets, total expenditures, and grants. The subject index to fields of interest contains 760 references to 395 foundations - the larger general purpose foundations and those with precise fields of activity. An index of persons lists alphabetically all officers and members of governing boards. There is a complete index to the entries by name of foundation.

Russell Sage Foundation, 230 Park Ave., New York, N.Y. 10017. $12.00.

FOUNDATION NEWS. BULLETIN OF THE FOUNDATION LIBRARY CENTER. ● 8:48
The Foundation Library Center, 428 E. Preston St., Baltimore, Md. 21202.
1960- Bimonthly $3.00/Yr.

News bulletin serving foundation officials and those people or organizations seeking funds. Each issue includes a lead article; news items such as the creation of significant new organizations, comments on special programs, new literature by or about foundations; reports on various foundation meetings; and a list of reports of foundations as currently received by the Center libraries in New York City and Washington, D.C. A large portion of each issue is devoted to a section called Foundation Grants in which brief information is given on current grants over $10,000, excluding renewal grants. Items in this section are arranged by field of interest, with each field covered twice a year. Fields are (1) Religion, Health, and Welfare (January and July); (2) Humanities, International Activities, and Physical, Life, and Social Sciences (March and September); (3) Education (May and November).

GRANT DATA QUARTERLY. ● 8:49
Academic Media, Inc., 10835 Santa Monica Blvd., Los Angeles, Calif. 90025.
1967- $35.00/Yr.

Reference journal giving up-to-date information on all forms of grant programs, including those of government, business, and labor foundations; technical and professional societies; private voluntary associations; and other profit and nonprofit bodies. Volumes 1 and 2 follow a plan in which issue 1 presents an integrated overview of the support programs of government, business and professional organizations, and foundations, following which issues 2-4 treat these 3 sectors comprehensively one at a time. Each grant program is described under headings, where appropriate, for information on type, purpose, legal basis, eligibility, financial data, duration, application, deadline, address for inquiry, and special stipulations. Items are arranged in major sections of Humanities, Social Sciences, and Sciences, with areal or disciplinary subsections. Each issue has a subject index, with cross references, and an organizational index. This publication represents continuous, on-going inquiry into areas of grant support. An estimated 87 percent of the items in the beginning issue of Volume 2 represented new or substantially revised grant support programs. Information of special interest to hearing-language-speech is under headings such as Language and Literature, Communications, Handicapped, Health and Medical Sciences.

INTRODUCTION

FILMS, OTHER MEDIA LISTS

The section on Films, Other Media Lists lists publications or catalogs with information on films and other visual aids. It does not list individual films.

ARRANGEMENT is alphabetical by title, with an appended list of items in cognate areas.

HOW TO USE

Scan the section directly because it is small.

SOURCES

This list of items was derived from standard library sources and from Information Center activities.

ASHA FILM THEATER CARD PACKETS. 9:1
American Speech and Hearing Association, Washington, D.C.
1961- 27 cards in the 1967 packet.

Annual ASHA Film Theater Card Packets are distributed without charge to registrants at the annual ASHA Convention. These films are ones shown at the convention. The cards contain the title of the film, producer, distributor, rental fee, comments, film specifications, and a summary of the film. Films in the 1967 packet are classified with the following headings: GENERAL. Congenital sensory deficit. Deaf education. Gifted child. Innovations in education. Mental retardation. Neurologically handicapped. Psychological interview. HEARING DISORDERS. Audiology. Deaf education. Speechreading. HEARING. Basilar membrane. SPEECH DISORDERS. Cerebral palsy. Laryngectomized. Parent education. Post-laryngectomy speech. Programmed instruction articulation. Stuttering. Treatment of laryngeal pathology. 8 MM EXPERIMENTAL. Cued speech. Speechreading. Speech and language development. VIDEO TAPE EXPERIMENTAL. Audiology.

Available for each year since 1961, at $1.50 per packet, from the American Speech and Hearing Association, 9030 Old Georgetown Road, Washington, D.C. 20014. The ASHA Film Ring Binder, specifically designed for these cards is $3.50.

THE CAPTIONED FILMS FOR THE DEAF PROGRAM. 9:2
Bureau of Education for the Handicapped, Washington, D.C. Captioned Films for the Deaf Branch.
Kundert, James T., Assistant Education Specialist.
1967. 16p. OE-34039-66.

Booklet describing captioned films for the deaf program, a loan service of captioned or subtitled films, free to those certified as eligible users. The booklet, which does not give titles of available films, describes the history of the program, research presently being conducted, the training and dissemination of films, production of films, acquisition of prints and related educational materials, equipment, film audience, distribution of films and related educational materials, and the Program staff. There is also a section on procedures which tells who is eligible for certification, how to order films, and lists the distribution centers for feature films and educational films.

For further information, write Captioned Films for the Deaf, U.S. Office of Education, Washington, D.C. 20202.

9:3 FILMS ON HEARING AND DEAFNESS.
Alexander Graham Bell Association for the Deaf, Washington, D.C.
1967. Volta Rev. 69:446-456 (Sep).

List of 72 films suitable for parents' groups, schools for the deaf, and other groups interested in the welfare and education of the deaf. Film descriptions include coding for the following audiences: medical personnel, educators, therapists, parents, school children, and general public. Films are listed alphabetically by title.

Available as Reprint 888 from The Volta Bureau, 1537 35th St., N.W., Washington, D.C., $0.50.

Cognate

9:4 CANCER FILM GUIDE (1963).
Prepared by the Public Health Service Audiovisual Facility, Atlanta, Ga., for the Public Health Service, Washington, D.C. Cancer Control Branch.
1963, Jun. 183p. PHS-848.

Catalog of information on films relating to cancer, including all titles from the earlier edition which have been re-verified for availability and 510 new titles. The primary purpose of this Guide is to present information of films relating to cancer, thus assisting medical schools, hospitals, and other users in their quest for teaching materials. There has been no organized effort to screen these films, and no attempt has been made toward qualitative selection. The guide contains film descriptions under subject headings; subject and title indexes; distributor list.
Films are listed for the following areas of interest of hearing-language-speech: HEAD AND NECK. Ear. Mandible. Maxilla. Larynx. Laryngectomy. Laryngoscopy. Rehabilitation. MOUTH, TONGUE, AND LIPS.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402: USGPO:1963-0-689285. $1.00. A sample copy of this guide may be obtained from the National Medical Audiovisual Center, Atlanta, Ga. 30333, or the Public Inquiries Branch, U.S. Public Health Service, Washington, D.C. 20201.

FILM REFERENCE GUIDE FOR MEDICINE AND ALLIED SCIENCES (1967). 9:5
Prepared by the National Medical Audiovisual Center, Atlanta, Ga., for the Federal Advisory Council on Medical Training Aids.
1967, Oct. 379p. AFP-160-15-1, DA-Pamphlet-108-2, NAV-MED-P5042, PHS-487, VA-Catalog-7.

Annual catalog of films available for biomedical education. This guide includes selected medical motion pictures and filmstrips which are being used in the medical program of at least one of the member agencies of the Federal Advisory Council on Medical Training Aids. Each audiovisual listed is currently available for loan or rental to government or nongovernment users, subject to the restrictions of the distributors. The guide contains film descriptions listed alphabetically by title under general and specific subject headings; subject and title indexes; distributor list.

Films are listed for the following areas of interest to hearing-language-speech: EAR. Anatomy and physiology, auditory and vestibular. Audiometry and tests of vestibular function. Diseases of external and middle ear. Diseases of inner ear. Disorders, acquired and congenital. Hearing impairment. Mastoid. Prevention of disorders. Prosthetic appliances. Rehabilitation. NEUROLOGY. Neuro-ophthalmology and otology. Speech disorders and aphasia. OBSTETRICS. Infant conditions. SPEECH. Cleft palate and harelip. Speech correction and prosthetic appliances. Speech pathology. Speech production. SURGERY. Ear.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402: USGPO:1967-0-265-271. $2.25. Further information concerning availability may be obtained from the National Medical Audiovisual Center, Atlanta, Ga. 30333.

LANGUAGE...THE SOCIAL ARBITER. 9:6
Stuart Finley Incorporated.
1967. 2p.

Brochure describing film series of seven sociolinguistic panel discussions produced in cooperation with the Center for Applied Linguistics. Whereas the series is specifically designed to aid teachers to understand the problems of students who do not speak standard English, the films also have general usefulness as a brief overview of what linguistics is and what linguists do. Each film is in 16mm color and is 22-28 minutes long. Titles in the series: THE NATURE OF LANGUAGE. LANGUAGE PROBLEMS IN THE SCHOOLS. LINGUISTICS AND EDUCATION. REGIONAL VARIATIONS. ENGLISH TEACHING TOMORROW. LANGUAGE AND INTEGRATION.

Brochure can be obtained by writing to Stuart Finley Incorporated, 3428 Mansfield Rd., Falls Church, Va. 22041.

9:7 MEDICAL AND SURGICAL MOTION PICTURES.
American Medical Association, Chicago, Ill.
1966, rev. ed. 485p.

Catalog of more than 4335 medical and surgical motion pictures. It is primarily directed to those concerned with the education of medical students, interns, residents, physicians in all specialties, and those in fields allied to medicine. Films selected are readily available in the United States and have been found useful by a recognized reviewing group. The catalog is produced by machine handling of data. Three main sections - Basic Sciences, Clinical Medicine and Surgery, and Paramedical Sciences - are further subdivided by medical specialty headings that are largely in alphabetic order. A list of these subject divisions gives access to film descriptions. There are also title and distributor indexes.
Approximately 135 films are listed for the following areas of interest to hearing-language-speech: ANATOMY. Head and neck. EMBRYOLOGY. Ear, nose and throat. PHYSIOLOGY. Ear, nose, and throat. OTORHINOLARYNGOLOGY. Physical diagnosis. Endoscopy. Hearing. Diagnosis. Ear - General. External ear. Middle ear. Internal ear. Larynx. Speech and deglutition. PEDIATRICS. Eyes, ears, nose, mouth, and dentition. PLASTIC SURGERY. Head and neck.

Request from the American Medical Association, Department of Postgraduate Programs, Medical Motion Pictures and Television Section, 535 North Dearborn St., Chicago, Ill. 60610.

9:8 MENTAL RETARDATION FILM LIST.
Prepared by the National Medical Audiovisual Center, Atlanta, Ga., for the Social and Rehabilitation Service, Washington, D.C. Division of Mental Retardation.
[Undated] 60p.

Catalog of films on mental retardation. The purpose of this list is to provide a source of selected audiovisuals for use in mental retardation education programs. Films intended for use by the general public are grouped under the heading of "Nonprofessional" in the guide and concern the nature of mental retardation, its causes, general treatment, and prevention. Other films dealing with the more specific aspects of diagnosis, clinical treatment, rehabilitation, and control are listed in the "Professional" section of the guide. The guide contains film descriptions listed alphabetically by title, title and distributor listings. Films are listed for the following areas of interest to hearing-language-speech: perception, psychological and neurological testing.

Information concerning availability may be obtained from the National Medical Audiovisual Center, Atlanta, Ga. 30333.

NEUROLOGICAL AND SENSORY DISEASE FILM GUIDE (1966). 9:9

Prepared by the Public Health Service Audiovisual Facility, Atlanta, Ga., for the Public Health Service, Washington, D.C. Neurological and Sensory Disease Service Program.

1966, Mar. 220p. PHS-1033.

Catalog of information on about 1,348 films that concern neurological and sensory diseases and are currently available from national and international sources. It is intended primarily to help medical and allied professional teaching institutions, hospitals, and other users to find educational material relating to the field of medicine. These films have not been screened nor has any attempt been made to select any of them qualitatively. The guide contains film descriptions listed alphabetically by title under subject categories; subject, title, and distributor listings.

Films are listed for the following areas of interest to hearing-language-speech: NEUROLOGICAL DISEASES-NEUROLOGY. Neuro-ophthalmology and otology. Rehabilitation. Speech disorders and aphasia. SENSORY DISEASES-EAR. Anatomy and physiology, auditory and vestibular. Audiometry and tests of vestibular function. Diseases of external and middle ear. Diseases of inner ear. Disorders acquired and congenital. Hearing impairment. Mastoid. Neoplasm. Prevention of disorders. Prosthetic appliances. Radiology. Rehabilitation. Surgery. LARYNX. Anatomy and physiology. Disorders acquired and congenital. Endoscopy and radiology. Neoplasm. Rehabilitation. Surgery and radiotherapy. SPEECH. Cleft palate and harelip. Prevention of disorders. Speech correction and prosthetic appliances. Speech pathology. Speech production.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402: USGPO:1966-0-215-484. $1.50. A sample copy of this guide may be obtained from the National Medical Audiovisual Center, Atlanta, Ga. 30333, or the Public Inquiries Branch U.S. Public Health Service, Washington, D.C. 20201.

9:10 PSYCHOLOGICAL CINEMA REGISTER. FILMS IN THE BEHAVIORAL SCIENCES (1967, 1968, 1969).
Pennsylvania State University, University Park, Pa. Audio-Visual Services.
Greenhill, Leslie P., ed., and others.
1967. 104p.

Triennial booklet describing films currently available through the Psychological Cinema Register, a nonprofit agency of the Pennsylvania State University. Films within the catalog are instructional and documentary and fall within the general areas of psychology, psychiatry, animal behavior, anthropology, and related behavioral sciences.

Titles within booklet are confined to 16-mm motion picture films.

Titles, with descriptions, are listed alphabetically in the body of the catalog, and indexes to subject matter and to authors and advisers are appended. Information is included for those who wish to contribute films to PCR and for those who wish to order available titles.

Supplementary film lists appear irregularly between issues, their contents being largely incorporated into succeeding issues.

Film titles relevant to hearing-language-speech may be located in the subject index under headings such as: NEUROLOGY. PSYCHOPATHOLOGY. SENSE ORGANS. TESTING. THERAPY.

Request from Audio-Visual Services, Pennsylvania State University, University Park Pa. 16802.

9:11 PUBLIC HEALTH SERVICE FILM CATALOG (1967).
National Library of Medicine, Atlanta, Ga. National Medical Audiovisual Center.
1967, Mar. 94p. PHS-776.

Annual catalog describing the activities of the National Medical Audiovisual Center in the distribution and utilization of films, videotapes, and other health-medical audiovisuals and listing all materials currently available on free loan. Includes subject and term indexes and title listing.

Films are listed for the following areas of interest to hearing-language-speech: EAR. Audiometry and tests of vestibular functions. Hearing impairment. Prevention of disorders. Rehabilitation. NEUROLOGY. Rehabilitation. Speech disorders and aphasia. RESPIRATORY SYSTEM. Larynx. SPEECH. Speech correction and prosthetic appliances. Speech pathology. Speech production.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402: USGPO:1967-0-267-634. $0.75.

A sample copy of this guide may be obtained from the National Medical Audiovisual Center, Atlanta, Ga. 30333, or the Public Inquiries Branch, U.S. Public Health Service, Washington, D.C. 20201.

REVIEWS OF MEDICAL MOTION PICTURES. 9:12
American Medical Association, Chicago, Ill.
1950- Annual 28p.

Booklets containing all of the film reviews published in Journal of the American Medical Association for each calendar year. The purpose of these reviews is to provide a brief description and an evaluation of motion pictures which are available to the medical profession. Each film is reviewed by competent authorities and every effort has been made to publish unbiased comments, but this is not a list of films approved or disapproved by the American Medical Association. Films for professional audiences are listed under broad subject headings including a section on Otorhinolaryngology. Title indexes to professional films and those for the laiety.

Request from the American Medical Association, Department of Postgraduate Programs, Medical Motion Pictures and Television Section, 535 North Dearborn St., Chicago, Ill. 60610.

SELECTED FILMS: HEART DISEASE, CANCER, AND STROKE. 9:13
National Library of Medicine, Atlanta, Ga. National Medical Audiovisual Center.
1968, Feb. 76p. PHS-1780.

Catalog of selected films on heart disease, cancer, and stroke for professional and nonprofessional audiences. Titles relating to heart disease and cancer represent only a small proportion of films available on these diseases. However, the scarcity of films on stroke has been reemphasized during preparation of the list. The guide contains film descriptions listed alphabetically by title under subject categories, subject, title, and distributor listings.
Films are listed for the following areas of interest to hearing-language-speech: films on cancer which discuss the larynx, vocal cords, and intra-oral malignancies.

Information concerning availability may be obtained from the National Medical Audiovisual Center, Atlanta, Ga. 30333.

APPENDIX A
PUBLICATIONS RESULTING FROM MEETINGS

HEARING

DEAFNESS IN CHILDHOOD. A:1
McConnell, Freeman, and Ward, Paul H., eds. (Vanderbilt University School of Medicine, Nashville, Tenn.).
1967. Nashville, Tenn., Vanderbilt University Press. 333p. $6.95.

Papers presented at the "National Symposium on Deafness in Childhood," sponsored by the Bill Wilkerson Hearing and Speech Center and the Division of Otolaryngology of the Vanderbilt University School of Medicine and supported by the Children's Bureau, U.S. Department of Health, Education, and Welfare, and the Tennessee Hearing and Speech Foundation. The meeting was held May 5-6, 1966, at Vanderbilt University, Nashville, Tennessee.

HEARING AID EVALUATION PROCEDURES (A CONFERENCE ON). A:2
Castle, William E., ed.
1967, Sep. ASHA Rep. 2. 71p.

Proceedings of a conference on "Hearing Aid Evaluation Procedures," sponsored by the American Speech and Hearing Association and supported by the Children's Bureau, Department of Health, Education, and Welfare, held February 4-6, 1966, in Chicago.

Order from the American Hearing and Speech Association, 9030 Old Georgetown, Rd., Washington, D.C. 20014. $3.00.

ORAL EDUCATION OF THE DEAF (PROCEEDINGS OF INTERNATIONAL CONFERENCE ON). A:3
Clarke School for the Deaf, Northampton, Mass., and Lexington School for the Deaf, New York City.
1967. Washington, D.C., Alexander Graham Bell Association for the Deaf, 2 Vols., 2211p.

Proceedings of the International Conference on Oral Education of the Deaf, endorsed by the Alexander Graham Bell Association for the Deaf, and held

June 17-21, 1967, at the Clarke School for the Deaf in Northampton, Mass., and June 22-24, 1967, at The Lexington School for the Deaf in New York City.

Volta Bureau, 1537 35th St., N.W., Washington, D.C. 20007. Set of 2 Vols., $10.00.

A:4 RESEARCH AND UTILIZATION OF EDUCATIONAL MEDIA FOR TEACHING THE DEAF: "THE EDUCATIONAL MEDIA COMPLEX" (SYMPOSIUM ON).
University of Nebraska Teachers College, Lincoln, Neb. Department of Educational Administration.
1967. Amer. Ann. Deaf 112(5):637-743.
Third of a series of symposia on the education of the deaf.

Proceedings of a symposium on the problems of establishing and administering an educational media complex, sponsored by the Midwest Regional Media Center for the Deaf, Department of Educational Administration, Teachers College, University of Nebraska, and Captioned Films for the Deaf, Bureau of Education for Handicapped Children, U.S. Office of Education. The Symposium was supported by a grant from Captioned Films for the Deaf, and held April 10-12, 1967, at the Nebraska Center for Continuing Education, Lincoln, Nebraska.

A:5 SENSORINEURAL HEARING PROCESSES AND DISORDERS.
Graham, A. Bruce, ed. (Henry Ford Hospital, Detroit, Mich.).
1967. Boston, Mass., Little, Brown, and Company. 543p. $19.00.
A Henry Ford Hospital International Symposium.

Review of significant research and clinical findings relating to sensorineural or nerve-type hearing loss, from a symposium sponsored by the Henry Ford Hospital, Detroit, Michigan, held at the Hospital March 25-27, 1965.

A:6 THE AUDIOLOGIC ASSESSMENT OF THE MENTALLY RETARDED: PROCEEDINGS OF A NATIONAL CONFERENCE.
Parsons State Hospital and Training Center, Parsons, Kans. Speech and Hearing Department.
Lloyd, Lyle L. (University of Kansas, Lawrence) and Frisina, D. Robert (Gallaudet College, Washington, D.C.), eds.
1965, Mar. [Carries date of conference only.--Ed.] 314p.

Proceedings of a conference on the audiologic assessment of the mentally retarded children, sponsored by the University of Kansas Bureau of Child Research and the Parsons State Hospital and Training Center, and supported by the National Institute of Mental Health, held March 15-19, 1965.

AUDIOLOGY AND THE EDUCATION OF THE DEAF. A:7
Ventry, Ira M., ed. and research director
1965. Joint Committee on Audiology and Education of the Deaf. 171p.

Report of a two-year research project sponsored by a joint committee of the American Speech and Hearing Association and the Conference of Executives of American Schools for the Deaf, and supported by the Vocational Rehabilitation Administration. The report includes the results of a survey on development of improved understanding and relationships between audiologists and educators of the deaf. Also included are the results of three meetings - the Miami Beach Meeting and the Joint Committee on Audiology and Education of the Deaf, held in 1962 in Miami Beach, Florida; the National Conference on Audiology and Education of the Deaf, held December 7-10, 1964, at the Ramada Inn, Tucson, Arizona; and the White Plains Meeting on Audiology and Education of the Deaf, held April 2-3, 1965 at the New York School for the Deaf, White Plains, New York.

Available free from the American Speech and Hearing Association, 9030 Old Georgetown Rd., Washington, D.C. 20014 (supply limited).

THE YOUNG DEAF CHILD: IDENTIFICATION AND MANAGEMENT. A:8
Ireland, Percy E., conference organizer (University of Toronto, Toronto, Canada) and Davis, Hallowell, program chairman and editor (Central Institute for the Deaf, St. Louis, Mo.).
1965. Acta Otolaryng. Suppl. 206. 258p. Scattered refs.

Proceedings of a conference of investigators and teachers of the young deaf child, held October 8-9, 1964, in Toronto, Canada.

NEUROLOGICAL ASPECTS OF AUDITORY AND VESTIBULAR DISORDERS. A:9
Fields, William Straus, and Alford, Bob R., eds. (Baylor University, Houston, Tex.).
1964. Springfield, Ill., Charles C Thomas. 383p. $12.50.

Papers and discussions of a symposium on Neurological Aspects of Auditory and Vestibular Disorders, sponsored by the Houston Neurological Society and the Department of Neurology, Baylor University College of Medicine; presented at the Eleventh Annual Scientific Meeting of the Houston Neurological Society.

MIDDLE EAR FUNCTION SEMINAR. A:10
Army Medical Research Laboratory, Fort Knox, Ky.
Psychology Division.
Fletcher, John L., ed.
1963, May 10. Report 576. 207p. AD-405 755.

Report of a two-day research seminar on different aspects of the structure and function of the middle ear and especially of the middle ear muscles, sponsored by the U.S. Army Medical Research Laboratory, held May 7-8, 1962, at Fort Knox, Kentucky.

CFSTI HC $3.00, MF $0.65.

A:11 NEURAL MECHANISMS OF THE AUDITORY AND VESTIBULAR SYSTEMS.
Rasmussen, Grant L., and Windle, William F., eds. (National Institute of Neurological Diseases and Blindness, Bethesda, Md.).
1960. Springfield, Ill., Charles C Thomas. 422p. 505 refs. $15.75. Sixth monograph in the series, Symposia in Neuroanatomical Sciences.

Proceedings of a Conference on Neural Mechanisms of the Auditory and Vestibular Systems, sponsored by the National Institute of Neurological Diseases and Blindness, held June 11-13, 1959, at Bethesda, Md., under the auspices of the National Advisory Neurological Diseases and Blindness Council.

Cognate

A:12 SENSORY COMMUNICATION.
Rosenblith, Walter A., ed. (Massachusetts Institute of Technology, Cambridge).
1961. Cambridge, Mass., M.I.T. Press. 844p. $16.00 casebound; $7.50 paperback.

Contributions to the International Symposium on Principles of Sensory Communication, sponsored by the Office of Scientific Research, U.S. Air Force, held July 19-August 1, 1959, at Endicott House, M.I.T.

VESTIBULAR SYSTEM

A:13 THE ROLE OF THE VESTIBULAR ORGANS IN SPACE EXPLORATION (SECOND SYMPOSIUM ON).
National Aeronautics and Space Administration, Washington, D.C. Office of Technology Utilization, Scientific and Technical Information Division.
1966. 312p. NASA-SP-115.

Proceedings of the second symposium of a series on gravitoinertial receptor mechanisms and related systems in aerospace flight. The 2nd symposium was sponsored by NASA and held January 25-27, 1966, under the auspices of the National Academy of Sciences--National Research Council Committee on Hearing, Bioacoustics, and Biomechanics, at Ames Research Center, Moffett Field, California.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402: USGPO:1966-0-234-842. $2.00.

THE ROLE OF THE VESTIBULAR ORGANS IN THE EXPLORATION OF SPACE (SYMPOSIUM ON). A:14
National Aeronautics and Space Administration, Washington, D.C. Scientific and Technical Information Division.
1965. 391p. NASA-SP-77.

Proceedings of the first symposium of a series on gravitoinertial receptor mechanisms and related systems in aerospace flight. This symposium was sponsored by NASA and held January 20-22, 1965, under the auspices of the Office of Advanced Research and Technology, National Aeronautics and Space Administration, at the U.S. Naval School of Aviation Medicine, Pensacola, Florida.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402: USGPO:1965-780-047. $2.25.

THE VESTIBULAR SYSTEM AND ITS DISEASES. A:15
Wolfson, Robert J. (University of Pennsylvania, Philadelphia).
1966. Philadelphia, Pa., University of Pennsylvania Press. 557p. $12.00.

Transactions of the International Vestibular Symposium of the Graduate School of Medicine of the University of Pennsylvania, sponsored by the Department of Otolaryngology, held September 10-12, 1964, at the University of Pennsylvania in Philadelphia.

NEUROLOGICAL ASPECTS OF AUDITORY AND VESTIBULAR DISORDERS.

SEE A:9

NEURAL MECHANISMS OF THE AUDITORY AND VESTIBULAR SYSTEMS.

SEE A:11

Cognate

MYOTATIC, KINESTHETIC AND VESTIBULAR MECHANISMS. A:16
de Reuck, A.V.S., and Knight, Julie, eds. (The Ciba Foundation).
1967. Boston, Mass., Little, Brown and Company. 331p. $13.50.
Third in a series of symposia on various areas of sensory function.

Proceedings of a three-day international symposium of people interested in the sensory control of posture and movement, sponsored by the Ciba Foundation, held September 27-29, 1966, in London.

LANGUAGE AND SPEECH

A:17 COMMUNICATING BY LANGUAGE: THE SPEECH PROCESS.
Cooper, Franklin S., chm. (Haskins Laboratories, New York City), and House, Arthur S., ed. (Purdue University, Lafayette, Ind.).
1967. Washington, D.C., Department of Health, Education, and Welfare, Public Health Service. 323p.

Edited transcript of a conference entitled "Communicating by Language: The Speech Process," sponsored by the Human Communication Program of the National Institute of Child Health and Development, held April 26-29, 1964, at Princeton, New Jersey.

This publication, originally produced only for members of the conference, is available in limited supply. Single copy free to interested persons upon request to Dr. James F. Kavanagh, Human Communication Research, Growth and Development Branch, National Institute for Child Health and Human Development, Bethesda, Md. 20014.

A:18 BRAIN MECHANISMS UNDERLYING SPEECH AND LANGUAGE.
Millikan, Clark H., chairman, and Darley, Frederic L., ed. (University of Minnesota, Rochester).
1967. New York, N.Y., Grune and Stratton. 261p. $7.75.

Proceedings of a conference on correlations between language processes and neurophysiological mechanisms, supported by the National Institute of Neurological Diseases and Blindness, held November 9-12, 1965, at Princeton, New Jersey.

A:19 RESEARCH IN VERBAL BEHAVIOR AND SOME NEUROPHYSIOLOGICAL IMPLICATIONS.
Salzinger, Kurt, and Salzinger, Suzanne, eds. (New York State Department of Mental Hygiene, New York City).
1967. New York, Academic Press. 510p. 600 refs. $11.00.

Report of a conference on the different areas of verbal behavior science, sponsored by the Biometrics Research Laboratory of Verbal Behavior and supported by a grant of the National Institute of Mental Health, held September 16-18, 1965, in New York City.

SPEECH PATHOLOGY; DIAGNOSIS: THEORY AND PRACTICE. A:20
McAllister, Ann H., chm.
1967. Edinburgh, Scotland, E. and S. Livingstone (Distributor U.S.A.: Baltimore, Md., Williams and Wilkins Company). 91p. $6.25, paper. Published as a Supplement to the British Journal of Disorders of Communication.

Report of the National Conference of The College of Speech Therapists, held July 25-29, 1966, at the Jordanhill College of Education, Glasgow, Scotland.

BRAIN FUNCTION. VOL. 3. SPEECH, LANGUAGE, AND COMMUNICATION. A:21
Carterette, Edward C., ed. (University of California Los Angeles).
1966. UCLA Forum Med. Sci. 4. Los Angeles, University of California Press. 279p. $12.00.

Proceedings of a conference on Speech, Language, and Communication, sponsored by the Brain Research Institute, University of California Los Angeles, with the support of the U.S. Air Force Office of Scientific Research, held in November 1963.

THE GENESIS OF LANGUAGE, A PSYCHOLINGUISTIC APPROACH. A:22
Smith, Frank, and Miller, George A., eds. (Harvard University, Cambridge, Mass.).
1966. Cambridge, Mass., M.I.T. Press. 400p. $10.00.

Proceedings of a conference on "Language Development in Children," sponsored by the National Institute of Child Health and Human Development, National Institutes of Health, held April 25-28, 1965, at Old Point Comfort, Virginia.

CHILDHOOD APHASIA AND BRAIN DAMAGE: Vol. 3. HABILITATION. A:23
The Pathway School, Norristown, Pa.
Rappaport, Sheldon R., ed.
1965. Narbeth, Penn., Livingston Publishing Company. 120p. $3.25.

Edited transcription of the Third Annual Institute hosted by The Pathway School on April 9-10, 1965.

CHILDHOOD APHASIA AND BRAIN DAMAGE: Vol. 2. DIFFERENTIAL DIAGNOSIS. A:24
The Pathway School, Norristown, Pa.
Rappaport, Sheldon R., ed.
1965. Narbeth, Penn., Livingston Publishing Company. 164p. $3.00.

Edited transcription of the Second Annual Institute hosted by The Pathway School on March 23-24, 1964.

A:25 COMMUNICATIVE PROBLEMS IN CLEFT PALATE (PROCEEDINGS OF THE CONFERENCE:).
Irwin, John V., conference chm. (University of Wisconsin, Madison).
1965, Apr. ASHA Rep. 1. 168p.

Proceedings of a Conference on Communicative Problems in Cleft Palate, sponsored by the American Speech and Hearing Association with the collaboration and financial support of the National Institute of Dental Research, held July 10-12, 1963, in Washington, D.C.

Order from Dr. Kenneth O. Johnson, Business Manager of Publications, American Speech and Hearing Association, 9030 Old Georgetown Rd., Washington, D.C. $2.00.

A:26 READING DISORDERS.
Flower, Richard M.; Gofman, Helen F., and Lawson, Lucie I., eds. (University of California San Francisco School of Medicine).
1965. Philadelphia, Pa., F.A. Davis Company. 146p. $2.95, paper.

Report of a multidisciplinary symposium presented under the auspices of Continuing Education in Medicine and the Health Sciences, University of California Medical Center, San Francisco.

A:27 CHILDHOOD APHASIA AND BRAIN DAMAGE: Vol. 1. A DEFINITION.
The Pathway School, Norristown, Pa.
Rappeport, Sheldon R., ed.
1964. Narbeth, Penn., Livingston Publishing Company. 128p. $2.00.

Edited transcription of the First Annual Institute hosted by The Pathway School on April 1-2, 1964.

A:28 DISORDERS OF COMMUNICATION.
Rioch, David McK. (Walter Reed Army Institute of Research, Washington, D.C.), and Weinstein, Edwin A. (Washington School of Psychiatry, Washington, D.C.), eds.
1964. Res. Publ. Ass. Res. Nerv. Ment. Dis., Vol. 42. Baltimore, Md., Williams and Wilkins Company. 519p. $22.00.

Proceedings of the 42nd Annual Meeting of the Association for Research in Nervous and Mental Disease, on the topic "Disorders of Communication," held December 7-8, 1962, in New York City.

Out-of-print. Available in larger biomedical libraries.

A:29 DISORDERS OF LANGUAGE.
de Reuck, A.V.S., and O'Connor, Maeve, eds. (The Ciba Foundation).
1964. London, Churchill (Distributed by Little, Brown and Company, Boston Mass.). 356p. $11.00.

Proceedings of an international three-day symposium sponsored by the Ciba Foundation, held May 21-23, 1963, in London.

WORKSHOP ON THE CLASSIFICATION OF IMPAIRMENT OF LANGUAGE COMPREHENSION AND USE IN CHILDREN AND ADULTS. Proceedings. A:30
National Institute of Neurological Diseases and Blindness, Bethesda, Md. Communicative Disorders Research Training Committee.
[1964]. [New York], Rehabilitation Codes. 23p.

Proceedings of the combined Workshop-Planning Conference on the classification of impairment of language function in children and adults, held January 28-30, 1964, at Carmel, California, under the sponsorship of The Rehabilitation Codes with the support of a grant from the National Institute of Neurological Diseases and Blindness.

APPROACHES TO THE STUDY OF APHASIA. A:31
Osgood, Charles E., and Miron, Murray S., eds. (University of Illinois, Urbana).
1963. Urbana, Ill., University of Illinois Press. 210p. 428 refs. $5.00.

Report of a research seminar on aphasia, with a "midstream" conference, sponsored by the National Institute of Mental Health, held June 16-July 25, 1958, at the Huntington Avenue Veterans Administration Hospital, Boston.

READING DISABILITY: PROGRESS AND RESEARCH NEEDS IN DYSLEXIA. A:32
Money, John, ed. (Johns Hopkins University, Baltimore, Md.).
1962. Baltimore, Md., The Johns Hopkins Press. 222p. 225 refs. $5.00.

Proceedings of the Johns Hopkins Conference on "Research Needs and Prospects in Dyslexia and Related Aphasic Disorders," held November 15-17, 1961, at the Johns Hopkins Medical Institutions, under the auspices of the Departments of Pediatrics, Psychiatry, and Ophthalmology and supported by the Association for the Aid of Crippled Children.

Cognate

VERBAL BEHAVIOR AND GENERAL BEHAVIOR THEORY. A:33
Dixon, Theodore R. (Texas Christian University, Fort Worth), and Horton, David L. (University of Maryland, College Park), eds.
1968. Englewood Cliffs, N.J., Prentice-Hall, Inc. 596p. $9.95.

Proceedings of a conference on verbal behavior theory and its relation to general S-R behavior theory, sponsored by the University of Kentucky and by the National Science Foundation, held in the spring of 1966, at Lexington, Kentucky.

A:34 COMMUNICATION: CONCEPTS AND PERSPECTIVES.
Thayer, Lee, ed. (University of Missouri, Kansas City).
1967. Washington, D.C., Spartan Books. 440p. $14.00.

Papers and discussions based on the Second International Symposium on Communication Theory and Research, sponsored by the University of Missouri at Kansas City, with the cooperation of the National Society for the Study of Communication, and held in March 1966, at Excelsior Springs, Missouri.

A:35 COMMUNICATION THEORY AND RESEARCH.
Thayer, Lee, ed. (University of Missouri, Kansas City).
1967. Springfield, Ill., Charles C Thomas. 583p. $22.50.

Papers and discussions presented at the First International Symposium on Communication Theory and Research, sponsored by the University of Missouri at Kansas City, with the cooperation of the National Society for the Study of Communication, and held March 24-27, 1965, at Kansas City.

A:36 ORAL SENSATION AND PERCEPTION (SYMPOSIUM ON).
Bosma, James F. (National Institute of Dental Research, National Institutes of Health, Bethesda, Md.).
1967. Springfield, Ill., Charles C Thomas. 360p. $18.50.

Papers resulting from a collaborative program of basic scientists and speech specialists interested in oral sensation and perception involving several conferences in 1964.

A:37 PSYCHOLINGUISTICS PAPERS.
Lyons, John, and Wales, Roger, eds. (University of Edinburgh, Scotland).
1966. Edinburgh, Scotland, Edinburgh University Press. 243p. 221 refs. 42s.

Proceedings of the 1966 Edinburgh University Conference on Psycholinguistics, held March 18-20, sponsored by the Research Board of the Faculty of Social Sciences.

A:38 UNIVERSALS OF LANGUAGE (ED. 2).
Greenberg, Joseph H. (Stanford University, Stanford, Calif.).
1966. Cambridge, Mass., M.I.T. Press. 337p. $2.95, paper.

Slightly revised and emended report of the first International Conference on Universals in Language, sponsored by the Linguistics and Psychology Committee of the Social Science Research Council, and supported by a grant from the National Science Foundation. The conference was held April 13-15, 1961, at Gould House, Dobbs Ferry, New York.

DIRECTIONS IN PSYCHOLINGUISTICS. A:39
Rosenberg, Sheldon, ed. (George Peabody College for Teachers, Nashville, Tenn.).
1965. New York, Macmillan Company. 260p. $7.95.

Papers on research in psycholinguistics presented by guest lecturers at a two-week institute held June 1963, at the George Peabody College for Teachers, Nashville, Tennessee.

BRAIN DAMAGE IN CHILDREN--THE BIOLOGICAL AND SOCIAL ASPECTS. A:40
Birch, Herbert G., ed. (Albert Einstein College of Medicine, New York, N.Y.).
1964. Baltimore, Williams and Wilkins Company. 199p. $5.95.

Papers and discussions based on a conference on the social and biological problems of brain-damaged children and their parents, sponsored by the Association for the Aid of Crippled Children, held November 15-16, 1962, at the Children's Hospital of Philadelphia.

NEW DIRECTIONS IN THE STUDY OF LANGUAGE. A:41
Lenneberg, Eric H., ed. (Harvard Medical School, Cambridge, Mass.).
1964. Cambridge, Mass., M.I.T. Press. 194p. $5.00.

Papers contributed to a symposium on "Language and the Science of Man," along with papers on psychology of language and primary acquisition of speech and language contributed to other symposia of the 17th International Congress of Psychology, held August 1963, in Washington, D.C.

VERBAL LEARNING AND VERBAL BEHAVIOR. A:42
Cofer, Charles N. (New York University, New York City).
1961. New York, McGraw-Hill Book Company. 241p. $7.50.

Proceedings of a Conference on Verbal Learning and Verbal Behavior, sponsored jointly by the Psychological Sciences Division, Office of Naval Research, U.S. Navy Department, and the Department of Psychology, New York University, held in the fall 1959 at New York University.

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